



* Metals *

USEPA - CLP

COVER PAGE

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 SOW No.: ILM05.4

| EPA Sample No. | Lab Sample ID |
|----------------|--------------------|
| <u>SB01</u> | <u>F0936-01</u> |
| <u>SB02</u> | <u>F0936-20</u> |
| <u>SB03</u> | <u>F0936-06</u> |
| <u>SB03/D</u> | <u>F0936-08</u> |
| <u>SB03W</u> | <u>F0936-07</u> |
| <u>SB04</u> | <u>F0936-10</u> |
| <u>SB04W</u> | <u>F0936-12</u> |
| <u>SB04WD</u> | <u>F0936-12DUP</u> |
| <u>SB04WS</u> | <u>F0936-12MS</u> |
| <u>SB05</u> | <u>F0936-05</u> |
| <u>SB07</u> | <u>F0936-02</u> |
| <u>SB07W</u> | <u>F0936-04</u> |
| <u>SB08</u> | <u>F0936-18</u> |
| <u>SB09</u> | <u>F0936-13</u> |
| <u>SB10</u> | <u>F0936-14</u> |
| <u>SB10D</u> | <u>F0936-14DUP</u> |
| <u>SB10S</u> | <u>F0936-14MS</u> |
| <u>SB10W</u> | <u>F0936-15</u> |
| <u>SB11</u> | <u>F0936-16</u> |
| <u>SB11W</u> | <u>F0936-17</u> |

| | ICP-AES | ICP-MS |
|--|----------------|--------|
| Were ICP-AES and ICP-MS interelement corre | (Yes/No) _____ | N/A |
| Were ICP-AES and ICP-MS background corre | (Yes/No) _____ | N/A |
| If yes-were raw data generated before application of background corrections? | (Yes/No) _____ | N/A |

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature

Signature: *Jayne Smart* Name: *Dawn E. Smart*
 Date: *8/14/07* Title: _____

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB01

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM

Case No.: _____

NRAS No.: _____

SDG No.: MF0936Matrix (soil/water): SOILLab Sample ID: F0936-01Level (low/med): MEDDate Received: 07/11/2007% Solids: 85.5Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|---|-----|----|
| 7429-90-5 | Aluminum | 3790 | | | P |
| 7440-36-0 | Antimony | 5.3 | U | N | P |
| 7440-38-2 | Arsenic | 4.3 | | * | P |
| 7440-39-3 | Barium | 193 | | * | P |
| 7440-41-7 | Beryllium | 0.37 | J | | P |
| 7440-43-9 | Cadmium | 0.83 | | | P |
| 7440-70-2 | Calcium | 3950 | | * | P |
| 7440-47-3 | Chromium | 11.8 | | | P |
| 7440-48-4 | Cobalt | 4.4 | | | P |
| 7440-50-8 | Copper | 147 | | * | P |
| 7439-89-6 | Iron | 12900 | | E | P |
| 7439-92-1 | Lead | 466 | | *ED | P |
| 7439-95-4 | Magnesium | 1530 | | E | P |
| 7439-96-5 | Manganese | 316 | | * | P |
| 7439-97-6 | Mercury | 1.2 | | | CV |
| 7440-02-0 | Nickel | 12.3 | | E | P |
| 7440-09-7 | Potassium | 629 | | | P |
| 7782-49-2 | Selenium | 3.4 | | | P |
| 7440-22-4 | Silver | 0.89 | U | N | P |
| 7440-23-5 | Sodium | 98.6 | J | | P |
| 7440-28-0 | Thallium | 3.1 | | | P |
| 7440-62-2 | Vanadium | 10.3 | | | P |
| 7440-66-6 | Zinc | 243 | | *E | P |
| 57-12-5 | Cyanide | 0.33 | J | | AS |

Color Before BROWN

Clarity Before: _____

Texture: MEDIUMColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB02

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Matrix (soil/water): SOIL Lab Sample ID: F0936-20

Level (low/med): MED Date Received: 07/17/2007

% Solids: 68.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|---|-----|----|
| 7429-90-5 | Aluminum | 8320 | | | P |
| 7440-36-0 | Antimony | 1.0 | J | N | P |
| 7440-38-2 | Arsenic | 15.5 | | * | P |
| 7440-39-3 | Barium | 3950 | | * | P |
| 7440-41-7 | Beryllium | 0.84 | | | P |
| 7440-43-9 | Cadmium | 4.1 | | | P |
| 7440-70-2 | Calcium | 24700 | | * | P |
| 7440-47-3 | Chromium | 35.2 | | | P |
| 7440-48-4 | Cobalt | 8.7 | | | P |
| 7440-50-8 | Copper | 832 | | * | P |
| 7439-89-6 | Iron | 27900 | | E | P |
| 7439-92-1 | Lead | 2670 | | *ED | P |
| 7439-95-4 | Magnesium | 2940 | | E | P |
| 7439-96-5 | Manganese | 646 | | * | P |
| 7439-97-6 | Mercury | 0.58 | | | CV |
| 7440-02-0 | Nickel | 22.8 | | E | P |
| 7440-09-7 | Potassium | 1170 | | | P |
| 7782-49-2 | Selenium | 7.1 | | | P |
| 7440-22-4 | Silver | 1.2 | U | N | P |
| 7440-23-5 | Sodium | 308 | J | | P |
| 7440-28-0 | Thallium | 6.3 | | | P |
| 7440-62-2 | Vanadium | 28.5 | | | P |
| 7440-66-6 | Zinc | 3120 | | *E | P |

Color Before GREY Clarity Before: _____ Texture: MEDIUMColor After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB03

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM Case No.: _____

NRAS No.: _____

SDG No.: MF0936Matrix (soil/water): SOILLab Sample ID: F0936-06Level (low/med): MEDDate Received: 07/12/2007% Solids: 78.3Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|-----|---|----|
| 7429-90-5 | Aluminum | 18300 | | | P |
| 7440-36-0 | Antimony | 82.1 | N | | P |
| 7440-38-2 | Arsenic | 36.5 | * | | P |
| 7440-39-3 | Barium | 1660 | * | | P |
| 7440-41-7 | Beryllium | 1.1 | | | P |
| 7440-43-9 | Cadmium | 0.88 | | | P |
| 7440-70-2 | Calcium | 33600 | * | | P |
| 7440-47-3 | Chromium | 35.9 | | | P |
| 7440-48-4 | Cobalt | 7.1 | | | P |
| 7440-50-8 | Copper | 748 | * | | P |
| 7439-89-6 | Iron | 16500 | E | | P |
| 7439-92-1 | Lead | 1100 | *ED | | P |
| 7439-95-4 | Magnesium | 3330 | E | | P |
| 7439-96-5 | Manganese | 259 | * | | P |
| 7439-97-6 | Mercury | 0.12 | U | | CV |
| 7440-02-0 | Nickel | 26.1 | E | | P |
| 7440-09-7 | Potassium | 2490 | | | P |
| 7782-49-2 | Selenium | 3.0 | J | | P |
| 7440-22-4 | Silver | 1.5 | N | | P |
| 7440-23-5 | Sodium | 10900 | | | P |
| 7440-28-0 | Thallium | 2.4 | J | | P |
| 7440-62-2 | Vanadium | 27.4 | | | P |
| 7440-66-6 | Zinc | 2190 | *E | | P |
| 57-12-5 | Cyanide | 2.9 | U | | AS |

Color Before BROWN

Clarity Before: _____

Texture: MEDIUMColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB03/D

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Matrix (soil/water): WATER Lab Sample ID: F0936-08

Level (low/med): MED Date Received: 07/12/2007

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|---|---|----|
| 7429-90-5 | Aluminum | 230000 | | | P |
| 7440-36-0 | Antimony | 33.8 | J | N | P |
| 7440-38-2 | Arsenic | 597 | | E | P |
| 7440-39-3 | Barium | 29700 | | E | P |
| 7440-41-7 | Beryllium | 21.9 | | E | P |
| 7440-43-9 | Cadmium | 46.1 | | E | P |
| 7440-70-2 | Calcium | 536000 | | D | P |
| 7440-47-3 | Chromium | 699 | | E | P |
| 7440-48-4 | Cobalt | 182 | | E | P |
| 7440-50-8 | Copper | 11600 | | E | P |
| 7439-89-6 | Iron | 505000 | | D | P |
| 7439-92-1 | Lead | 31600 | | D | P |
| 7439-95-4 | Magnesium | 69600 | | E | P |
| 7439-96-5 | Manganese | 6970 | | E | P |
| 7439-97-6 | Mercury | 2.7 | | | CV |
| 7440-02-0 | Nickel | 563 | | E | P |
| 7440-09-7 | Potassium | 58300 | | | P |
| 7782-49-2 | Selenium | 60.7 | | N | P |
| 7440-22-4 | Silver | 3340 | | D | P |
| 7440-23-5 | Sodium | 84600 | | E | P |
| 7440-28-0 | Thallium | 74.0 | | * | P |
| 7440-62-2 | Vanadium | 585 | | E | P |
| 7440-66-6 | Zinc | 17600 | | E | P |

Color Before BROWN Clarity Before: CLOUDY Texture: _____

Color After: BROWN Clarity After: CLOUDY Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB03W

Lab Name: Mitkem Corporation Contract: _____Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936Matrix (soil/water): WATER Lab Sample ID: F0936-07Level (low/med): MED Date Received: 07/12/2007% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|---|---|----|
| 7429-90-5 | Aluminum | 324000 | | | P |
| 7440-36-0 | Antimony | 60.0 | U | N | P |
| 7440-38-2 | Arsenic | 849 | | E | P |
| 7440-39-3 | Barium | 40000 | | E | P |
| 7440-41-7 | Beryllium | 31.0 | | E | P |
| 7440-43-9 | Cadmium | 69.9 | | E | P |
| 7440-70-2 | Calcium | 736000 | | D | P |
| 7440-47-3 | Chromium | 953 | | E | P |
| 7440-48-4 | Cobalt | 245 | | E | P |
| 7440-50-8 | Copper | 16800 | | E | P |
| 7439-89-6 | Iron | 689000 | | D | P |
| 7439-92-1 | Lead | 44200 | | D | P |
| 7439-95-4 | Magnesium | 88900 | | E | P |
| 7439-96-5 | Manganese | 8910 | | E | P |
| 7439-97-6 | Mercury | 4.0 | | | CV |
| 7440-02-0 | Nickel | 761 | | E | P |
| 7440-09-7 | Potassium | 74000 | | | P |
| 7782-49-2 | Selenium | 57.2 | | N | P |
| 7440-22-4 | Silver | 3830 | | D | P |
| 7440-23-5 | Sodium | 116000 | | E | P |
| 7440-28-0 | Thallium | 90.4 | | * | P |
| 7440-62-2 | Vanadium | 813 | | E | P |
| 7440-66-6 | Zinc | 24500 | | E | P |

Color Before BROWN Clarity Before: CLOUDY Texture: _____Color After: BROWN Clarity After: CLOUDY Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB04

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Matrix (soil/water): SOIL Lab Sample ID: F0936-10

Level (low/med): MED Date Received: 07/13/2007

% Solids: 67.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|---|-----|----|
| 7429-90-5 | Aluminum | 7290 | | | P |
| 7440-36-0 | Antimony | 8.6 | U | N | P |
| 7440-38-2 | Arsenic | 15.8 | | * | P |
| 7440-39-3 | Barium | 1560 | | * | P |
| 7440-41-7 | Beryllium | 0.80 | | | P |
| 7440-43-9 | Cadmium | 2.3 | | | P |
| 7440-70-2 | Calcium | 18800 | | * | P |
| 7440-47-3 | Chromium | 35.0 | | | P |
| 7440-48-4 | Cobalt | 11.7 | | | P |
| 7440-50-8 | Copper | 252 | | * | P |
| 7439-89-6 | Iron | 36400 | | E | P |
| 7439-92-1 | Lead | 2450 | | *ED | P |
| 7439-95-4 | Magnesium | 2040 | | E | P |
| 7439-96-5 | Manganese | 409 | | * | P |
| 7439-97-6 | Mercury | 0.12 | U | | CV |
| 7440-02-0 | Nickel | 35.6 | | E | P |
| 7440-09-7 | Potassium | 1180 | | | P |
| 7782-49-2 | Selenium | 8.2 | | | P |
| 7440-22-4 | Silver | 1.4 | U | N | P |
| 7440-23-5 | Sodium | 535 | J | | P |
| 7440-28-0 | Thallium | 6.9 | | | P |
| 7440-62-2 | Vanadium | 32.3 | | | P |
| 7440-66-6 | Zinc | 2990 | | *E | P |
| 57-12-5 | Cyanide | 3.1 | U | | AS |

Color Before GREY Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB04W

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM

Case No.: _____

NRAS No.: _____

SDG No.: MF0936Matrix (soil/water): WATERLab Sample ID: F0936-12Level (low/med): MEDDate Received: 07/13/2007% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|-----|----|----|
| 7429-90-5 | Aluminum | 3060000 | | D | P |
| 7440-36-0 | Antimony | 60.0 | U N | | P |
| 7440-38-2 | Arsenic | 264 | | E | P |
| 7440-39-3 | Barium | 10400 | | E | P |
| 7440-41-7 | Beryllium | 152 | | E | P |
| 7440-43-9 | Cadmium | 609 | | E | P |
| 7440-70-2 | Calcium | 2200000 | | D | P |
| 7440-47-3 | Chromium | 3430 | | E | P |
| 7440-48-4 | Cobalt | 1710 | | E | P |
| 7440-50-8 | Copper | 46300 | | E | P |
| 7439-89-6 | Iron | 7020000 | | D | P |
| 7439-92-1 | Lead | 270000 | | D | P |
| 7439-95-4 | Magnesium | 491000 | | E | P |
| 7439-96-5 | Manganese | 116000 | | ED | P |
| 7439-97-6 | Mercury | 22.7 | | D | CV |
| 7440-02-0 | Nickel | 4520 | | E | P |
| 7440-09-7 | Potassium | 321000 | | D | P |
| 7782-49-2 | Selenium | 35.0 | U N | | P |
| 7440-22-4 | Silver | 10.0 | U | | P |
| 7440-23-5 | Sodium | 115000 | | E | P |
| 7440-28-0 | Thallium | 27.9 | | * | P |
| 7440-62-2 | Vanadium | 4300 | | E | P |
| 7440-66-6 | Zinc | 170000 | | ED | P |

Color Before GREYClarity Before: CLOUDY

Texture: _____

Color After: GREYClarity After: CLOUDY

Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB05

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM Case No.: _____

NRAS No.: _____

SDG No.: MF0936Matrix (soil/water): SOILLab Sample ID: F0936-05Level (low/med): MEDDate Received: 07/12/2007% Solids: 81.8Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|---|----|----|
| 7429-90-5 | Aluminum | 4160 | | | P |
| 7440-36-0 | Antimony | 7.2 | U | N | P |
| 7440-38-2 | Arsenic | 6.1 | | * | P |
| 7440-39-3 | Barium | 90.6 | | * | P |
| 7440-41-7 | Beryllium | 0.82 | | | P |
| 7440-43-9 | Cadmium | 0.95 | | | P |
| 7440-70-2 | Calcium | 1640 | | * | P |
| 7440-47-3 | Chromium | 6.2 | | | P |
| 7440-48-4 | Cobalt | 14.7 | | | P |
| 7440-50-8 | Copper | 35.1 | | * | P |
| 7439-89-6 | Iron | 47200 | | ED | P |
| 7439-92-1 | Lead | 17.0 | | *E | P |
| 7439-95-4 | Magnesium | 1150 | | E | P |
| 7439-96-5 | Manganese | 1270 | | * | P |
| 7439-97-6 | Mercury | 0.12 | U | | CV |
| 7440-02-0 | Nickel | 45.7 | | E | P |
| 7440-09-7 | Potassium | 1250 | | | P |
| 7782-49-2 | Selenium | 7.1 | | | P |
| 7440-22-4 | Silver | 1.2 | U | N | P |
| 7440-23-5 | Sodium | 40.3 | J | | P |
| 7440-28-0 | Thallium | 11.2 | | | P |
| 7440-62-2 | Vanadium | 12.1 | | | P |
| 7440-66-6 | Zinc | 155 | | *E | P |
| 57-12-5 | Cyanide | 2.5 | U | | AS |

Color Before BROWN

Clarity Before: _____

Texture: MEDIUMColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB07

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Matrix (soil/water): SOIL Lab Sample ID: F0936-02

Level (low/med): MED Date Received: 07/11/2007

% Solids: 60.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|---|-----|----|
| 7429-90-5 | Aluminum | 6520 | | | P |
| 7440-36-0 | Antimony | 5.7 | J | N | P |
| 7440-38-2 | Arsenic | 9.5 | | * | P |
| 7440-39-3 | Barium | 150 | | * | P |
| 7440-41-7 | Beryllium | 1.1 | | | P |
| 7440-43-9 | Cadmium | 2.5 | | | P |
| 7440-70-2 | Calcium | 25300 | | * | P |
| 7440-47-3 | Chromium | 25.1 | | | P |
| 7440-48-4 | Cobalt | 8.1 | J | | P |
| 7440-50-8 | Copper | 522 | | * | P |
| 7439-89-6 | Iron | 7010 | | E | P |
| 7439-92-1 | Lead | 871 | | *ED | P |
| 7439-95-4 | Magnesium | 550 | J | E | P |
| 7439-96-5 | Manganese | 242 | | * | P |
| 7439-97-6 | Mercury | 0.66 | | | CV |
| 7440-02-0 | Nickel | 134 | | E | P |
| 7440-09-7 | Potassium | 1130 | | | P |
| 7782-49-2 | Selenium | 5.4 | J | | P |
| 7440-22-4 | Silver | 1.9 | | N | P |
| 7440-23-5 | Sodium | 286 | J | | P |
| 7440-28-0 | Thallium | 1.6 | J | | P |
| 7440-62-2 | Vanadium | 21.3 | | | P |
| 7440-66-6 | Zinc | 1060 | | *E | P |
| 57-12-5 | Cyanide | 0.44 | J | | AS |

Color Before BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB07W

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM Case No.: _____

NRAS No.: _____

SDG No.: MF0936Matrix (soil/water): WATERLab Sample ID: F0936-04Level (low/med): MEDDate Received: 07/11/2007% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|-----|---|----|
| 7429-90-5 | Aluminum | 400000 | | | P |
| 7440-36-0 | Antimony | 60.0 | U N | | P |
| 7440-38-2 | Arsenic | 744 | E | | P |
| 7440-39-3 | Barium | 32900 | E | | P |
| 7440-41-7 | Beryllium | 30.7 | E | | P |
| 7440-43-9 | Cadmium | 542 | E | | P |
| 7440-70-2 | Calcium | 793000 | D | | P |
| 7440-47-3 | Chromium | 2230 | E | | P |
| 7440-48-4 | Cobalt | 542 | E | | P |
| 7440-50-8 | Copper | 20900 | E | | P |
| 7439-89-6 | Iron | 2810000 | D | | P |
| 7439-92-1 | Lead | 120000 | D | | P |
| 7439-95-4 | Magnesium | 91400 | E | | P |
| 7439-96-5 | Manganese | 38100 | ED | | P |
| 7439-97-6 | Mercury | 20.3 | D | | CV |
| 7440-02-0 | Nickel | 2420 | E | | P |
| 7440-09-7 | Potassium | 84400 | | | P |
| 7782-49-2 | Selenium | 35.0 | U N | | P |
| 7440-22-4 | Silver | 10.0 | U | | P |
| 7440-23-5 | Sodium | 47400 | E | | P |
| 7440-28-0 | Thallium | 209 | * | | P |
| 7440-62-2 | Vanadium | 1240 | E | | P |
| 7440-66-6 | Zinc | 131000 | ED | | P |

Color Before GREYClarity Before: CLOUDY

Texture: _____

Color After: BROWNClarity After: CLOUDY

Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB08

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Matrix (soil/water): SOIL Lab Sample ID: F0936-18
 Level (low/med): MED Date Received: 07/14/2007
 % Solids: 80.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|---|----|----|
| 7429-90-5 | Aluminum | 15800 | | | P |
| 7440-36-0 | Antimony | 6.7 | U | N | P |
| 7440-38-2 | Arsenic | 7.1 | | * | P |
| 7440-39-3 | Barium | 279 | | * | P |
| 7440-41-7 | Beryllium | 0.83 | | | P |
| 7440-43-9 | Cadmium | 0.89 | | | P |
| 7440-70-2 | Calcium | 1750 | | * | P |
| 7440-47-3 | Chromium | 24.8 | | | P |
| 7440-48-4 | Cobalt | 7.8 | | | P |
| 7440-50-8 | Copper | 40.8 | | * | P |
| 7439-89-6 | Iron | 22800 | | E | P |
| 7439-92-1 | Lead | 288 | | *E | P |
| 7439-95-4 | Magnesium | 5560 | | E | P |
| 7439-96-5 | Manganese | 593 | | * | P |
| 7439-97-6 | Mercury | 0.26 | | | CV |
| 7440-02-0 | Nickel | 26.8 | | E | P |
| 7440-09-7 | Potassium | 1080 | | | P |
| 7782-49-2 | Selenium | 4.0 | | | P |
| 7440-22-4 | Silver | 1.1 | U | N | P |
| 7440-23-5 | Sodium | 64.0 | J | | P |
| 7440-28-0 | Thallium | 4.5 | | | P |
| 7440-62-2 | Vanadium | 32.5 | | | P |
| 7440-66-6 | Zinc | 296 | | *E | P |

Color Before BROWN Clarity Before: _____ Texture: MEDIUM
 Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB09

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM

Case No.: _____

NRAS No.: _____

SDG No.: MF0936Matrix (soil/water): SOILLab Sample ID: F0936-13Level (low/med): MEDDate Received: 07/13/2007% Solids: 81.9Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|-----|---|----|
| 7429-90-5 | Aluminum | 14100 | | | P |
| 7440-36-0 | Antimony | 16.4 | N | | P |
| 7440-38-2 | Arsenic | 5.5 | * | | P |
| 7440-39-3 | Barium | 297 | * | | P |
| 7440-41-7 | Beryllium | 0.89 | | | P |
| 7440-43-9 | Cadmium | 2.1 | | | P |
| 7440-70-2 | Calcium | 7760 | * | | P |
| 7440-47-3 | Chromium | 33.0 | | | P |
| 7440-48-4 | Cobalt | 16.5 | | | P |
| 7440-50-8 | Copper | 2090 | * | | P |
| 7439-89-6 | Iron | 46000 | ED | | P |
| 7439-92-1 | Lead | 719 | *ED | | P |
| 7439-95-4 | Magnesium | 5950 | E | | P |
| 7439-96-5 | Manganese | 755 | * | | P |
| 7439-97-6 | Mercury | 0.10 | U | | CV |
| 7440-02-0 | Nickel | 171 | E | | P |
| 7440-09-7 | Potassium | 3020 | | | P |
| 7782-49-2 | Selenium | 7.3 | | | P |
| 7440-22-4 | Silver | 1.2 | U N | | P |
| 7440-23-5 | Sodium | 207 | J | | P |
| 7440-28-0 | Thallium | 8.4 | | | P |
| 7440-62-2 | Vanadium | 150 | | | P |
| 7440-66-6 | Zinc | 708 | *E | | P |
| 57-12-5 | Cyanide | 2.6 | U | | AS |

Color Before GREY

Clarity Before: _____

Texture: MEDIUMColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB10

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM Case No.: _____

NRAS No.: _____

SDG No.: MF0936Matrix (soil/water): SOILLab Sample ID: F0936-14Level (low/med): MEDDate Received: 07/13/2007% Solids: 90.5Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|---|----|----|
| 7429-90-5 | Aluminum | 9920 | | | P |
| 7440-36-0 | Antimony | 6.1 | U | N | P |
| 7440-38-2 | Arsenic | 3.7 | | * | P |
| 7440-39-3 | Barium | 109 | | * | P |
| 7440-41-7 | Beryllium | 0.51 | J | | P |
| 7440-43-9 | Cadmium | 0.25 | J | | P |
| 7440-70-2 | Calcium | 2040 | | * | P |
| 7440-47-3 | Chromium | 19.4 | | | P |
| 7440-48-4 | Cobalt | 11.2 | | | P |
| 7440-50-8 | Copper | 40.8 | | * | P |
| 7439-89-6 | Iron | 29100 | | E | P |
| 7439-92-1 | Lead | 58.6 | | *E | P |
| 7439-95-4 | Magnesium | 4930 | | E | P |
| 7439-96-5 | Manganese | 658 | | * | P |
| 7439-97-6 | Mercury | 0.096 | U | | CV |
| 7440-02-0 | Nickel | 26.6 | | E | P |
| 7440-09-7 | Potassium | 1420 | | | P |
| 7782-49-2 | Selenium | 4.9 | | | P |
| 7440-22-4 | Silver | 1.0 | U | N | P |
| 7440-23-5 | Sodium | 98.1 | J | | P |
| 7440-28-0 | Thallium | 6.1 | | | P |
| 7440-62-2 | Vanadium | 17.8 | | | P |
| 7440-66-6 | Zinc | 94.3 | | *E | P |
| 57-12-5 | Cyanide | 2.4 | U | | AS |

Color Before GREY

Clarity Before: _____

Texture: MEDIUMColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB10W

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM

Case No.: _____

NRAS No.: _____

SDG No.: MF0936Matrix (soil/water): WATERLab Sample ID: F0936-15Level (low/med): MEDDate Received: 07/14/2007% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|---|---|----|
| 7429-90-5 | Aluminum | 7390 | | | P |
| 7440-36-0 | Antimony | 60.0 | U | N | P |
| 7440-38-2 | Arsenic | 5.8 | J | E | P |
| 7440-39-3 | Barium | 560 | | E | P |
| 7440-41-7 | Beryllium | 0.41 | J | E | P |
| 7440-43-9 | Cadmium | 0.96 | J | E | P |
| 7440-70-2 | Calcium | 116000 | | | P |
| 7440-47-3 | Chromium | 14.3 | | E | P |
| 7440-48-4 | Cobalt | 19.4 | J | E | P |
| 7440-50-8 | Copper | 63.8 | | E | P |
| 7439-89-6 | Iron | 38000 | | | P |
| 7439-92-1 | Lead | 318 | | | P |
| 7439-95-4 | Magnesium | 32300 | | E | P |
| 7439-96-5 | Manganese | 1820 | | E | P |
| 7439-97-6 | Mercury | 0.10 | J | | CV |
| 7440-02-0 | Nickel | 51.5 | | E | P |
| 7440-09-7 | Potassium | 12300 | | | P |
| 7782-49-2 | Selenium | 22.6 | J | N | P |
| 7440-22-4 | Silver | 2.3 | J | | P |
| 7440-23-5 | Sodium | 35400 | | E | P |
| 7440-28-0 | Thallium | 7.0 | J | * | P |
| 7440-62-2 | Vanadium | 20.8 | J | E | P |
| 7440-66-6 | Zinc | 311 | | E | P |

Color Before BROWNClarity Before: CLOUDY

Texture: _____

Color After: COLORLESSClarity After: CLEAR

Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB11

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM Case No.: _____

NRAS No.: _____

SDG No.: MF0936Matrix (soil/water): SOILLab Sample ID: F0936-16Level (low/med): MEDDate Received: 07/14/2007% Solids: 79.4Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|---|----|----|
| 7429-90-5 | Aluminum | 7900 | | | P |
| 7440-36-0 | Antimony | 5.7 | U | N | P |
| 7440-38-2 | Arsenic | 4.3 | | * | P |
| 7440-39-3 | Barium | 91.0 | | * | P |
| 7440-41-7 | Beryllium | 0.47 | | | P |
| 7440-43-9 | Cadmium | 0.12 | J | | P |
| 7440-70-2 | Calcium | 2050 | | * | P |
| 7440-47-3 | Chromium | 11.5 | | | P |
| 7440-48-4 | Cobalt | 8.7 | | | P |
| 7440-50-8 | Copper | 27.0 | | * | P |
| 7439-89-6 | Iron | 20900 | | E | P |
| 7439-92-1 | Lead | 10.9 | | *E | P |
| 7439-95-4 | Magnesium | 2950 | | E | P |
| 7439-96-5 | Manganese | 332 | | * | P |
| 7439-97-6 | Mercury | 0.10 | U | | CV |
| 7440-02-0 | Nickel | 16.7 | | E | P |
| 7440-09-7 | Potassium | 839 | | | P |
| 7782-49-2 | Selenium | 3.5 | | | P |
| 7440-22-4 | Silver | 0.95 | U | N | P |
| 7440-23-5 | Sodium | 67.9 | J | | P |
| 7440-28-0 | Thallium | 3.9 | | | P |
| 7440-62-2 | Vanadium | 17.2 | | | P |
| 7440-66-6 | Zinc | 60.2 | | *E | P |

Color Before BROWN

Clarity Before: _____

Texture: MEDIUMColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB11W

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM

Case No.: _____

NRAS No.: _____

SDG No.: MF0936Matrix (soil/water): WATERLab Sample ID: F0936-17Level (low/med): MEDDate Received: 07/14/2007% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|-----------|-----------|---------------|---|---|----|
| 7429-90-5 | Aluminum | 260000 | | | P |
| 7440-36-0 | Antimony | 60.0 | U | N | P |
| 7440-38-2 | Arsenic | 149 | | E | P |
| 7440-39-3 | Barium | 6290 | | E | P |
| 7440-41-7 | Beryllium | 15.4 | | E | P |
| 7440-43-9 | Cadmium | 14.5 | | E | P |
| 7440-70-2 | Calcium | 233000 | | | P |
| 7440-47-3 | Chromium | 412 | | E | P |
| 7440-48-4 | Cobalt | 365 | | E | P |
| 7440-50-8 | Copper | 1030 | | E | P |
| 7439-89-6 | Iron | 611000 | | D | P |
| 7439-92-1 | Lead | 488 | | | P |
| 7439-95-4 | Magnesium | 96300 | | E | P |
| 7439-96-5 | Manganese | 19300 | | E | P |
| 7439-97-6 | Mercury | 1.8 | | | CV |
| 7440-02-0 | Nickel | 628 | | E | P |
| 7440-09-7 | Potassium | 25300 | | | P |
| 7782-49-2 | Selenium | 52.8 | | N | P |
| 7440-22-4 | Silver | 10.0 | U | | P |
| 7440-23-5 | Sodium | 8110 | | E | P |
| 7440-28-0 | Thallium | 121 | | * | P |
| 7440-62-2 | Vanadium | 405 | | E | P |
| 7440-66-6 | Zinc | 2110 | | E | P |

Color Before YELLOWClarity Before: CLOUDY

Texture: _____

Color After: GREYClarity After: CLOUDY

Artifacts: _____

Comments:

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|---------------------------------|-------|-------|------------------------------------|-------|-------|-------|-------|----|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Mercury | 2.0 | 2.10 | 105 | 5.0 | 5.22 | 104 | 5.18 | 104 | CV |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|---------------------------------|-------|-------|------------------------------------|-------|-------|-------|-------|----|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Mercury | | | | 5.0 | 5.23 | 105 | 5.26 | 105 | CV |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|---------------------------------|-------|-------|------------------------------------|-------|-------|-------|-------|----|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Mercury | | | | 5.0 | 5.27 | 105 | | | CV |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

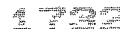
Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|---------------------------------|-------|-------|------------------------------------|-------|-------|-------|-------|----|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Mercury | 2.0 | 2.17 | 108 | 5.0 | 5.10 | 102 | 5.15 | 103 | CV |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115



USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|---------------------------------|-------|-------|------------------------------------|-------|-------|-------|-------|----|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Mercury | | | | 5.0 | 5.16 | 103 | | | CV |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|------------------------------------|--------|-------|---------------------------------------|--------|-------|--------|-------|----|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Cyanide | 250.0 | 221.30 | 89 | 200.0 | 223.29 | 112 | 221.29 | 111 | AS |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

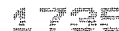
Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|---------------------------------|-------|-------|------------------------------------|--------|-------|-------|-------|----|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Cyanide | | | | 200.0 | 218.59 | 109 | | | AS |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115



USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM

Case No.: _____

NRAS No.: _____

SDG No.: _____

MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|-----------|------------------------------------|----------|-------|---------------------------------------|----------|-------|----------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Aluminum | 15000.0 | 14515.95 | 97 | 10000.0 | 9929.46 | 99 | 9820.32 | 98 | P |
| Antimony | 750.0 | 728.99 | 97 | 500.0 | 489.87 | 98 | 495.04 | 99 | P |
| Arsenic | 750.0 | 767.29 | 102 | 500.0 | 524.25 | 105 | 518.11 | 104 | P |
| Barium | 15000.0 | 15169.47 | 101 | 10000.0 | 10476.84 | 105 | 10542.38 | 105 | P |
| Beryllium | 375.0 | 368.71 | 98 | 250.0 | 250.27 | 100 | 250.93 | 100 | P |
| Cadmium | 375.0 | 372.32 | 99 | 250.0 | 256.39 | 103 | 253.55 | 101 | P |
| Calcium | 37500.0 | 36753.34 | 98 | 25000.0 | 25059.01 | 100 | 25149.33 | 101 | P |
| Chromium | 1500.0 | 1495.55 | 100 | 1000.0 | 1031.16 | 103 | 1013.20 | 101 | P |
| Cobalt | 3750.0 | 3731.38 | 100 | 2500.0 | 2576.76 | 103 | 2544.45 | 102 | P |
| Copper | 1875.0 | 1829.36 | 98 | 1250.0 | 1244.23 | 100 | 1255.94 | 100 | P |
| Iron | 7500.0 | 7681.90 | 102 | 5000.0 | 5352.78 | 107 | 5331.48 | 107 | P |
| Magnesium | 37500.0 | 36867.02 | 98 | 25000.0 | 25335.97 | 101 | 25300.38 | 101 | P |
| Manganese | 3750.0 | 3716.05 | 99 | 2500.0 | 2545.61 | 102 | 2559.68 | 102 | P |
| Nickel | 3750.0 | 3722.12 | 99 | 2500.0 | 2582.78 | 103 | 2541.32 | 102 | P |
| Selenium | 750.0 | 732.43 | 98 | 500.0 | 503.13 | 101 | 501.37 | 100 | P |
| Thallium | 750.0 | 750.93 | 100 | 500.0 | 512.62 | 103 | 516.29 | 103 | P |
| Vanadium | 3750.0 | 3722.96 | 99 | 2500.0 | 2518.11 | 101 | 2534.90 | 101 | P |
| Zinc | 3750.0 | 3751.64 | 100 | 2500.0 | 2612.80 | 105 | 2573.56 | 103 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM

Case No.: _____

NRAS No.: _____

SDG No.: _____

MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|-----------|------------------------------------|-------|-------|---------------------------------------|----------|-------|----------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Aluminum | | | | 10000.0 | 9970.62 | 100 | 9977.15 | 100 | P |
| Antimony | | | | 500.0 | 507.58 | 102 | 521.63 | 104 | P |
| Arsenic | | | | 500.0 | 532.67 | 107 | 550.71 | 110 | P |
| Barium | | | | 10000.0 | 10647.07 | 106 | 10834.54 | 108 | P |
| Beryllium | | | | 250.0 | 253.87 | 102 | 257.15 | 103 | P |
| Cadmium | | | | 250.0 | 258.88 | 104 | 263.98 | 106 | P |
| Calcium | | | | 25000.0 | 25362.79 | 101 | 25591.13 | 102 | P |
| Chromium | | | | 1000.0 | 1022.02 | 102 | 1031.38 | 103 | P |
| Cobalt | | | | 2500.0 | 2552.97 | 102 | 2608.76 | 104 | P |
| Copper | | | | 1250.0 | 1266.45 | 101 | 1282.17 | 103 | P |
| Iron | | | | 5000.0 | 5389.16 | 108 | 5445.65 | 109 | P |
| Magnesium | | | | 25000.0 | 25663.89 | 103 | 26172.31 | 105 | P |
| Manganese | | | | 2500.0 | 2574.07 | 103 | | | P |
| Nickel | | | | 2500.0 | 2567.37 | 103 | 2609.26 | 104 | P |
| Selenium | | | | 500.0 | 504.62 | 101 | 521.20 | 104 | P |
| Thallium | | | | 500.0 | 513.37 | 103 | 523.99 | 105 | P |
| Vanadium | | | | 2500.0 | 2553.52 | 102 | 2568.68 | 103 | P |
| Zinc | | | | 2500.0 | 2620.02 | 105 | | | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|-----------|------------------------------------|-------|-------|---------------------------------------|----------|-------|-------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Aluminum | | | | 10000.0 | 9984.67 | 100 | | | P |
| Antimony | | | | 500.0 | 523.08 | 105 | | | P |
| Arsenic | | | | 500.0 | 546.28 | 109 | | | P |
| Barium | | | | 10000.0 | 10736.07 | 107 | | | P |
| Beryllium | | | | 250.0 | 255.38 | 102 | | | P |
| Cadmium | | | | 250.0 | 265.55 | 106 | | | P |
| Calcium | | | | 25000.0 | 25522.48 | 102 | | | P |
| Chromium | | | | 1000.0 | 1029.46 | 103 | | | P |
| Cobalt | | | | 2500.0 | 2606.78 | 104 | | | P |
| Copper | | | | 1250.0 | 1271.34 | 102 | | | P |
| Iron | | | | 5000.0 | 5458.41 | 109 | | | P |
| Magnesium | | | | 25000.0 | 25971.30 | 104 | | | P |
| Nickel | | | | 2500.0 | 2607.75 | 104 | | | P |
| Selenium | | | | 500.0 | 513.06 | 103 | | | P |
| Thallium | | | | 500.0 | 526.16 | 105 | | | P |
| Vanadium | | | | 2500.0 | 2555.33 | 102 | | | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|-----------|---------------------------------|----------|-------|------------------------------------|----------|-------|----------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Potassium | 37500.0 | 35956.67 | 96 | 25000.0 | 24410.97 | 98 | 25042.66 | 100 | P |
| Sodium | 37500.0 | 36565.94 | 98 | 25000.0 | 24856.83 | 99 | 25435.11 | 102 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|-----------|---------------------------------|-------|-------|------------------------------------|----------|-------|----------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Potassium | | | | 25000.0 | 25133.47 | 101 | 25270.25 | 101 | P |
| Sodium | | | | 25000.0 | 25493.31 | 102 | 25601.47 | 102 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|-----------|---------------------------------|-------|-------|------------------------------------|----------|-------|----------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Potassium | | | | 25000.0 | 25636.26 | 103 | 25329.90 | 101 | P |
| Sodium | | | | 25000.0 | 25789.84 | 103 | 25458.83 | 102 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM

Case No.: _____

NRAS No.: _____

SDG No.: _____

MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|----------|------------------------------------|----------|-------|---------------------------------------|----------|-------|----------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Aluminum | 15000.0 | 14394.00 | 96 | 10000.0 | 9949.59 | 99 | 9978.42 | 100 | P |
| Calcium | 37500.0 | 36240.27 | 97 | 25000.0 | 25095.73 | 100 | 25231.56 | 101 | P |
| Iron | 7500.0 | 7585.11 | 101 | 5000.0 | 5366.44 | 107 | 5413.73 | 108 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|----------|------------------------------------|-------|-------|---------------------------------------|----------|-------|-------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Aluminum | | | | 10000.0 | 9895.76 | 99 | | | P |
| Calcium | | | | 25000.0 | 25317.80 | 101 | | | P |
| Iron | | | | 5000.0 | 5363.56 | 107 | | | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|------------------------------------|---------|-------|---------------------------------------|---------|-------|---------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Iron | 7500.0 | 7769.08 | 104 | 5000.0 | 5301.69 | 106 | 5392.74 | 108 | P |
| Silver | 1875.0 | 1795.35 | 96 | 1250.0 | 1191.73 | 95 | 1210.35 | 97 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

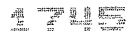
Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|---------------------------------|-------|-------|------------------------------------|---------|-------|---------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Iron | | | | 5000.0 | 5318.66 | 106 | 5338.14 | 107 | P |
| Silver | | | | 1250.0 | 1191.54 | 95 | 1193.65 | 95 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115



USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|---------------------------------|-------|-------|------------------------------------|---------|-------|---------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Iron | | | | 5000.0 | 5268.27 | 105 | | | P |
| Silver | | | | 1250.0 | 1178.08 | 94 | 1202.98 | 96 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|---------------------------------|-------|-------|------------------------------------|---------|-------|-------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Silver | | | | 1250.0 | 1194.09 | 96 | | | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115



USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|---------------------------------|---------|-------|------------------------------------|---------|-------|---------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Silver | 1875.0 | 1790.64 | 96 | 1250.0 | 1237.03 | 99 | 1244.89 | 100 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|---------------------------------|-------|-------|------------------------------------|---------|-------|-------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Silver | | | | 1250.0 | 1210.09 | 97 | | | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115



USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|-----------|---------------------------------|---------|-------|------------------------------------|---------|-------|---------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Manganese | 3750.0 | 3679.51 | 98 | 2500.0 | 2584.61 | 103 | 2582.34 | 103 | P |
| Zinc | 3750.0 | 3692.07 | 98 | 2500.0 | 2619.78 | 105 | 2623.98 | 105 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115



USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|-----------|---------------------------------|-------|-------|------------------------------------|---------|-------|-------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Manganese | | | | 2500.0 | 2599.81 | 104 | | | P |
| Zinc | | | | 2500.0 | 2602.38 | 104 | | | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115



USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|---------------------------------|--------|-------|------------------------------------|--------|-------|--------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Lead | 750.0 | 743.38 | 99 | 500.0 | 500.51 | 100 | 501.72 | 100 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115



USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|------------------------------------|-------|-------|---------------------------------------|--------|-------|--------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Lead | | | | 500.0 | 505.93 | 101 | 504.38 | 101 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|---------------------------------|-------|-------|------------------------------------|--------|-------|--------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Lead | | | | 500.0 | 502.58 | 101 | 506.13 | 101 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115



USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|---------|---------------------------------|-------|-------|------------------------------------|--------|-------|-------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Lead | | | | 500.0 | 504.48 | 101 | | | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115



USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

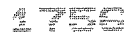
Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|-----------|---------------------------------|---------|-------|------------------------------------|---------|-------|---------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Manganese | 3750.0 | 3860.74 | 103 | 2500.0 | 2526.35 | 101 | 2538.40 | 102 | P |
| Zinc | 3750.0 | 3861.02 | 103 | 2500.0 | 2517.36 | 101 | 2575.46 | 103 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115



USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: _____

Concentration Units: ug/L

| Analyte | Initial Calibration Verificaion | | | Continuing Calibration Verificaion | | | | | M |
|-----------|---------------------------------|-------|-------|------------------------------------|---------|-------|---------|-------|---|
| | True | Found | %R(1) | True | Found | %R(1) | Found | %R(1) | |
| Manganese | | | | 2500.0 | 2554.91 | 102 | 2552.22 | 102 | P |
| Zinc | | | | 2500.0 | 2572.69 | 103 | 2570.71 | 103 | P |

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

CRQL Check Standard Source: _____

Concentration Units: ug/L

| Analyte | CRQL Check Standard | | | | |
|---------|---------------------|---------|--------|--------|--------|
| | True | Initial | | Final | |
| | | Found* | %R (1) | Found* | %R (1) |
| Mercury | 0.2 | 0.18 J | 90 | 0.19 J | 95 |
| Mercury | 0.2 | | | 0.19 J | 95 |

(1) Control Limits: 70-130 with the following exceptions:

ICP-AES - Antimony, Lead and Thallium: 50-150.

ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).



USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

CRQL Check Standard Source: _____

Concentration Units: ug/L

| Analyte | CRQL Check Standard | | | | |
|---------|---------------------|--------|--------|--------|--------|
| | Initial | | | Final | |
| | True | Found* | %R (1) | Found* | %R (1) |
| Mercury | 0.2 | 0.18 J | 90 | 0.16 J | 80 |

(1) Control Limits: 70-130 with the following exceptions:

ICP-AES - Antimony, Lead and Thallium: 50-150.

ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

CRQL Check Standard Source: _____

Concentration Units: ug/L

| Analyte | CRQL Check Standard | | | | |
|---------|---------------------|--------|--------|--------|--------|
| | Initial | | Final | | |
| | True | Found* | %R (1) | Found* | %R (1) |
| Cyanide | 10.0 | 9.93 J | 99 | 9.20 J | 92 |

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

CRQL Check Standard Source: _____

Concentration Units: ug/L

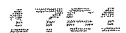
| Analyte | CRQL Check Standard | | | | |
|-----------|---------------------|--------|--------|--------|--------|
| | Initial | | | Final | |
| | True | Found* | %R (1) | Found* | %R (1) |
| Antimony | 60.0 | 68.67 | 114 | 70.44 | 117 |
| Arsenic | 10.0 | 11.14 | 111 | 9.85 J | 98 |
| Beryllium | 5.0 | 5.19 | 104 | 5.24 | 105 |
| Cadmium | 5.0 | 5.60 | 112 | 5.66 | 113 |
| Chromium | 10.0 | 10.57 | 106 | 10.45 | 104 |
| Cobalt | 50.0 | 54.77 | 110 | 54.92 | 110 |
| Copper | 25.0 | 25.87 | 103 | 27.60 | 110 |
| Manganese | 15.0 | 16.64 | 111 | 17.41 | 116 |
| Nickel | 40.0 | 43.89 | 110 | 44.23 | 111 |
| Selenium | 35.0 | 37.65 | 108 | 40.63 | 116 |
| Thallium | 25.0 | 28.44 | 114 | 26.39 | 106 |
| Vanadium | 50.0 | 53.43 | 107 | 53.73 | 107 |
| Zinc | 60.0 | 66.37 | 111 | 75.70 | 126 |

(1) Control Limits: 70-130 with the following exceptions:

ICP-AES - Antimony, Lead and Thallium: 50-150.

ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).



USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

CRQL Check Standard Source: _____

Concentration Units: ug/L

| Analyte | CRQL Check Standard | | | | |
|-----------|---------------------|--------|--------|--------|--------|
| | Initial | | | Final | |
| | True | Found* | %R (1) | Found* | %R (1) |
| Antimony | 60.0 | | | 70.00 | 117 |
| Arsenic | 10.0 | | | 11.70 | 117 |
| Beryllium | 5.0 | | | 5.32 | 106 |
| Cadmium | 5.0 | | | 5.92 | 118 |
| Chromium | 10.0 | | | 10.63 | 106 |
| Cobalt | 50.0 | | | 56.08 | 112 |
| Copper | 25.0 | | | 28.27 | 113 |
| Nickel | 40.0 | | | 45.13 | 113 |
| Selenium | 35.0 | | | 41.91 | 120 |
| Thallium | 25.0 | | | 28.43 | 114 |
| Vanadium | 50.0 | | | 53.87 | 108 |

(1) Control Limits: 70-130 with the following exceptions:

ICP-AES - Antimony, Lead and Thallium: 50-150.

ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

CRQL Check Standard Source: _____

Concentration Units: ug/L

| Analyte | CRQL Check Standard | | | | |
|---------|---------------------|--------|--------|--------|--------|
| | Initial | | | Final | |
| | True | Found* | %R (1) | Found* | %R (1) |
| Silver | 10.0 | 11.32 | 113 | 10.16 | 102 |

(1) Control Limits: 70-130 with the following exceptions:

ICP-AES - Antimony, Lead and Thallium: 50-150.

ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

CRQL Check Standard Source: _____

Concentration Units: ug/L

| Analyte | CRQL Check Standard | | | | |
|---------|---------------------|--------|--------|--------|--------|
| | Initial | | Final | | |
| | True | Found* | %R (1) | Found* | %R (1) |
| Silver | 10.0 | | | 10.24 | 102 |

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

CRQL Check Standard Source: _____

Concentration Units: ug/L

| Analyte | CRQL Check Standard | | | | |
|---------|---------------------|--------|--------|--------|--------|
| | Initial | | | Final | |
| | True | Found* | %R (1) | Found* | %R (1) |
| Silver | 10.0 | | | 10.82 | 108 |

(1) Control Limits: 70-130 with the following exceptions:

ICP-AES - Antimony, Lead and Thallium: 50-150.

ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).



USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

CRQL Check Standard Source: _____

Concentration Units: ug/L

| Analyte | CRQL Check Standard | | | | |
|---------|---------------------|--------|--------|--------|--------|
| | Initial | | | Final | |
| | True | Found* | %R (1) | Found* | %R (1) |
| Silver | 10.0 | 11.17 | 112 | 10.62 | 106 |

(1) Control Limits: 70-130 with the following exceptions:

ICP-AES - Antimony, Lead and Thallium: 50-150.

ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).



USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

CRQL Check Standard Source: _____

Concentration Units: ug/L

| Analyte | CRQL Check Standard | | | | |
|-----------|---------------------|--------|--------|--------|--------|
| | Initial | | | Final | |
| | True | Found* | %R (1) | Found* | %R (1) |
| Manganese | 15.0 | 16.55 | 110 | 17.62 | 117 |
| Zinc | 60.0 | 67.84 | 113 | 68.16 | 114 |

(1) Control Limits: 70-130 with the following exceptions:

ICP-AES - Antimony, Lead and Thallium: 50-150.

ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

CRQL Check Standard Source: _____

Concentration Units: ug/L

| Analyte | CRQL Check Standard | | | | |
|---------|---------------------|--------|--------|--------|--------|
| | Initial | | | Final | |
| | True | Found* | %R (1) | Found* | %R (1) |
| Lead | 10.0 | 10.14 | 101 | 12.25 | 123 |

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 CRQL Check Standard Source: _____

Concentration Units: ug/L

| Analyte | CRQL Check Standard | | | | |
|---------|---------------------|--------|--------|--------|--------|
| | Initial | | Final | | |
| | True | Found* | %R (1) | Found* | %R (1) |
| Lead | 10.0 | | | 12.27 | 123 |

(1) Control Limits: 70-130 with the following exceptions:
 ICP-AES - Antimony, Lead and Thallium: 50-150.
 ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).



USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

CRQL Check Standard Source: _____

Concentration Units: ug/L

| Analyte | CRQL Check Standard | | | | |
|---------|---------------------|--------|--------|--------|--------|
| | Initial | | | Final | |
| | True | Found* | %R (1) | Found* | %R (1) |
| Lead | 10.0 | | | 10.07 | 101 |

(1) Control Limits: 70-130 with the following exceptions:

ICP-AES - Antimony, Lead and Thallium: 50-150.

ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).



USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

CRQL Check Standard Source: _____

Concentration Units: ug/L

| Analyte | CRQL Check Standard | | | | |
|-----------|---------------------|--------|--------|--------|--------|
| | Initial | | | Final | |
| | True | Found* | %R (1) | Found* | %R (1) |
| Manganese | 15.0 | 16.35 | 109 | 16.09 | 107 |
| Zinc | 60.0 | 65.00 | 108 | 75.07 | 125 |

(1) Control Limits: 70-130 with the following exceptions:

ICP-AES - Antimony, Lead and Thallium: 50-150.

ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).



USEPA - CLP
2B-IN
CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

CRQL Check Standard Source: _____

Concentration Units: ug/L

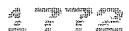
| Analyte | CRQL Check Standard | | | | |
|-----------|---------------------|--------|--------|--------|--------|
| | Initial | | | Final | |
| | True | Found* | %R (1) | Found* | %R (1) |
| Manganese | 15.0 | | | 15.98 | 107 |
| Zinc | 60.0 | | | 72.67 | 121 |

(1) Control Limits: 70-130 with the following exceptions:

ICP-AES - Antimony, Lead and Thallium: 50-150.

ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).



USEPA - CLP
3-IN
BLANKS

Lab Name: Mitkem Corporation Contract:

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0936

Preparation Blank Matrix (soil/water): SOIL Method Blank ID:

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG MB-31388

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | |
|---------|----------------------------------|---|-------------------------------------|---|-------|---|-------|---|-------------------|---|----|
| | | C | 1 | C | 2 | C | 3 | C | | C | |
| Mercury | 0.200 | U | 0.200 | U | 0.200 | U | 0.200 | U | 0.100 | U | CV |

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): _____ Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | |
|---------|----------------------------------|---|-------------------------------------|---|-------|---|---|---|-------------------|---|
| | | C | 1 | C | 2 | C | 3 | C | | M |
| Mercury | | | 0.200 | U | 0.200 | U | | | | |



USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): WATER Method Blank ID:

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L MB-31387

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | M |
|---------|----------------------------------|---|-------------------------------------|---|-------|---|-------|---|-------------------|---|----|
| | | C | 1 | C | 2 | C | 3 | C | | C | |
| Mercury | 0.200 | U | -0.084 | J | 0.200 | U | 0.200 | U | -0.084 | B | CV |



USEPA - CLP
3-IN
BLANKS

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): SOIL Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG MB-31267

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | M |
|---------|----------------------------------|---|-------------------------------------|---|--------|---|--------|---|-------------------|---|----|
| | | C | 1 | C | 2 | C | 3 | C | | C | |
| Cyanide | 10.000 | U | 10.000 | U | 10.000 | U | 10.000 | U | 2.500 | U | AS |



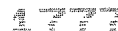
USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: _____Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936Preparation Blank Matrix (soil/water): SOIL Method Blank ID:Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG **MB-31386**

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | |
|-----------|----------------------------------|---|-------------------------------------|---|----------|---|----------|---|-------------------|---|---|
| | | C | 1 | C | 2 | C | 3 | C | | C | M |
| Aluminum | 200.000 | U | 12.977 | J | 200.000 | U | 18.234 | J | 2.287 | J | P |
| Antimony | -2.318 | J | 60.000 | U | -1.483 | J | 60.000 | U | 0.183 | B | P |
| Arsenic | 10.000 | U | -4.569 | J | 10.000 | U | 10.000 | U | 1.000 | U | P |
| Barium | 1.182 | J | 1.162 | J | 1.292 | J | 1.536 | J | 0.149 | J | P |
| Beryllium | 5.000 | U | 5.000 | U | 5.000 | U | 5.000 | U | 0.500 | U | P |
| Cadmium | 0.113 | J | 0.178 | J | 0.117 | J | 0.174 | J | 0.010 | B | P |
| Calcium | 5000.000 | U | -26.163 | J | 5000.000 | U | 5000.000 | U | 23.474 | J | P |
| Chromium | 10.000 | U | 10.000 | U | 10.000 | U | -0.171 | J | 0.166 | J | P |
| Cobalt | 0.533 | J | 0.542 | J | 0.358 | J | 0.595 | J | 5.000 | U | P |
| Copper | 25.000 | U | 25.000 | U | 25.000 | U | 25.000 | U | 2.449 | J | P |
| Iron | 100.000 | U | 100.000 | U | 100.000 | U | 100.000 | U | 5.329 | J | P |
| Magnesium | 5000.000 | U | 15.821 | J | 5000.000 | U | 28.880 | J | 1.878 | B | P |
| Manganese | 15.000 | U | 15.000 | U | 15.000 | U | 15.000 | U | 0.307 | J | P |
| Nickel | 40.000 | U | 40.000 | U | 40.000 | U | 40.000 | U | 0.096 | J | P |
| Selenium | 3.021 | J | 35.000 | U | 6.909 | J | 3.079 | J | 0.359 | B | P |
| Thallium | 25.000 | U | 25.000 | U | 1.462 | J | 2.465 | J | 2.500 | U | P |
| Vanadium | 0.400 | J | 50.000 | U | 50.000 | U | 0.373 | J | 5.000 | U | P |
| Zinc | 60.000 | U | 60.000 | U | 60.000 | U | 60.000 | U | 2.869 | J | P |



USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM

Case No.: _____

NRAS No.: _____

SDG No.: MF0936Preparation Blank Matrix (soil/water): WATER

Method Blank ID:

Preparation Blank Concentration Units (ug/L or mg/kg): UG/LMB-31385

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | C | M |
|-----------|----------------------------------|---|-------------------------------------|---|----------|---|---|---|-------------------|---|---|---|
| | | C | 1 | C | 2 | C | 3 | C | | C | | |
| Aluminum | | | 200.000 | U | 8.829 | J | | | 8.533 | J | P | |
| Antimony | | | 60.000 | U | 0.860 | J | | | -1.122 | J | P | |
| Arsenic | | | 10.000 | U | 10.000 | U | | | 10.000 | U | P | |
| Barium | | | 0.578 | J | 200.000 | U | | | 0.741 | J | P | |
| Beryllium | | | 5.000 | U | 5.000 | U | | | 5.000 | U | P | |
| Cadmium | | | 0.337 | J | 0.330 | J | | | 0.096 | J | P | |
| Calcium | | | 27.300 | J | 19.180 | J | | | 5000.000 | U | P | |
| Chromium | | | 10.000 | U | 10.000 | U | | | 10.000 | U | P | |
| Cobalt | | | 50.000 | U | 50.000 | U | | | 50.000 | U | P | |
| Copper | | | 25.000 | U | 25.000 | U | | | 25.000 | U | P | |
| Iron | | | 100.000 | U | 53.859 | J | | | 100.000 | U | P | |
| Magnesium | | | 5000.000 | U | 5000.000 | U | | | 5000.000 | U | P | |
| Nickel | | | 40.000 | U | 40.000 | U | | | 40.000 | U | P | |
| Selenium | | | 3.621 | J | 35.000 | U | | | 6.050 | J | P | |
| Thallium | | | 25.000 | U | 25.000 | U | | | 25.000 | U | P | |
| Vanadium | | | 50.000 | U | 50.000 | U | | | 50.000 | U | P | |

USEPA - CLP

3-IN

BLANKS

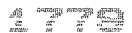
Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): SOIL Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG MB-31386

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | M |
|-----------|----------------------------------|---|-------------------------------------|---|----------|---|----------|---|-------------------|---|---|
| | | C | 1 | C | 2 | C | 3 | C | | C | |
| Potassium | 65.842 | J | 5000.000 | U | 5000.000 | U | 5000.000 | U | 500.000 | U | P |
| Sodium | 43.003 | J | 5000.000 | U | 5000.000 | U | 5000.000 | U | 500.000 | U | P |



USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): WATER Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L MB-31385

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | M |
|-----------|----------------------------------|---|-------------------------------------|---|----------|---|----------|---|-------------------|---|---|
| | | C | 1 | C | 2 | C | 3 | C | | C | |
| Potassium | | | 5000.000 | U | 52.185 | J | 5000.000 | U | -54.906 | J | P |
| Sodium | | | 5000.000 | U | 5000.000 | U | 5000.000 | U | 56.184 | J | P |



USEPA - CLP

3-IN

BLANKS

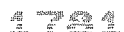
Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): _____ Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | M |
|----------|----------------------------------|---|-------------------------------------|---|---------|---|---------|---|-------------------|---|---|
| | | C | 1 | C | 2 | C | 3 | C | | C | |
| Aluminum | 200.000 | U | 11.241 | J | 200.000 | U | 9.287 | J | | | |
| Calcium | -27.705 | J | 5000.000 | U | -39.172 | J | -64.389 | J | | | |
| Iron | 100.000 | U | 100.000 | U | 100.000 | U | 100.000 | U | | | |



USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): _____ Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): mg/kg *8/14/07 DES* **MB-31386** *8/14/07 DES*

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | M |
|---------|----------------------------------|---|-------------------------------------|---|---------|---|---------|---|-------------------|---|---|
| | | C | 1 | C | 2 | C | 3 | C | | C | |
| Iron | 100.000 | U | 100.000 | U | 100.000 | U | 100.000 | U | | | |
| Silver | 2.775 | J | 10.000 | U | 10.000 | U | 10.000 | U | 1.000 | U | P |

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): WATER Method Blank ID:

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L **MB-31385**

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | |
|---------|----------------------------------|---|-------------------------------------|---|---------|---|--------|---|-------------------|---|---|
| | | C | 1 | C | 2 | C | 3 | C | | C | M |
| Iron | | | 100.000 | U | 100.000 | U | | | | | |
| Silver | | | 10.000 | U | 10.000 | U | 10.000 | U | 10.000 | U | P |

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): _____ Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | Preparation Blank | | M |
|---------|----------------------------------|---|-------------------------------------|---|---|---|-------------------|---|---|
| | | C | 1 | C | 2 | C | 3 | C | |
| Silver | | | 10.000 | U | | | | | |



USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): _____ Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | |
|---------|----------------------------------|---|-------------------------------------|---|--------|---|--------|---|-------------------|---|
| | | C | 1 | C | 2 | C | 3 | C | | M |
| Silver | 10.000 | U | 10.000 | U | 10.000 | U | 10.000 | U | | |



USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): _____ Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | M |
|-----------|----------------------------------|---|-------------------------------------|---|--------|---|--------|---|-------------------|---|---|
| | | C | 1 | C | 2 | C | 3 | C | | C | |
| Manganese | 15.000 | U | 15.000 | U | 15.000 | U | 15.000 | U | | | |
| Zinc | 60.000 | U | 60.000 | U | 60.000 | U | 60.000 | U | | | |



USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): SOIL Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG MB-31386

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | M |
|---------|----------------------------------|---|-------------------------------------|---|--------|---|--------|---|-------------------|---|---|
| | | C | 1 | C | 2 | C | 3 | C | | C | |
| Lead | 0.685 | J | 0.747 | J | 10.000 | U | 10.000 | U | 0.378 | J | P |



USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): WATER Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L MB-31385

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | M |
|---------|----------------------------------|---|-------------------------------------|---|--------|---|--------|---|-------------------|---|---|
| | | C | 1 | C | 2 | C | 3 | C | | C | |
| Lead | | | -0.911 | J | 10.000 | U | 10.000 | U | 0.753 | J | P |



USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): _____ Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | |
|---------|----------------------------------|---|-------------------------------------|---|---|---|---|---|-------------------|---|
| | | C | 1 | C | 2 | C | 3 | C | | M |
| Lead | | | -0.723 | J | | | | | | |

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): WATER Method Blank ID:

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L MB-31385

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | C | M |
|-----------|----------------------------------|---|-------------------------------------|---|--------|---|--------|---|-------------------|---|---|---|
| | | C | 1 | C | 2 | C | 3 | C | | C | | |
| Manganese | 15.000 | U | 15.000 | U | 0.905 | J | 15.000 | U | 0.995 | J | P | |
| Zinc | 60.000 | U | 60.000 | U | 23.061 | J | 60.000 | U | 60.000 | U | P | |

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Blank Matrix (soil/water): _____ Method Blank ID: _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calibration Blank (ug/L) | | Continuing Calibration Blank (ug/L) | | | | | | Preparation Blank | | |
|-----------|----------------------------------|---|-------------------------------------|---|---|---|---|---|-------------------|---|---|
| | | C | 1 | C | 2 | C | 3 | C | | C | M |
| Manganese | | | 15.000 | U | | | | | | | |
| Zinc | | | 60.000 | U | | | | | | | |

USEPA - CLP
4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

| Analyte | True | | Initial Found | | | | Final Found | | | |
|-----------|--------|---------|---------------|----|---------|----|-------------|----|---------|-----|
| | Sol. A | Sol. AB | Sol. A | %R | Sol. AB | %R | Sol. A | %R | Sol. AB | %R |
| Aluminum | 500000 | 500000 | 449000 | 90 | 444000 | 89 | 452000 | 90 | 452000 | 90 |
| Antimony | 0 | 600 | -7.2 | | 575 | 96 | -7.1 | | 585 | 98 |
| Arsenic | 0 | 100 | -5.0 | | 93.6 | 94 | -3.7 | | 96.2 | 96 |
| Barium | 0 | 500 | 1.6 | | 477 | 95 | 2.1 | | 481 | 96 |
| Beryllium | 0 | 500 | 0.043 | | 437 | 87 | 0.014 | | 438 | 88 |
| Cadmium | 0 | 1000 | 0.36 | | 857 | 86 | 0.62 | | 859 | 86 |
| Calcium | 500000 | 500000 | 477000 | 95 | 487000 | 97 | 486000 | 97 | 489000 | 98 |
| Chromium | 0 | 500 | -7.9 | | 431 | 86 | -7.9 | | 427 | 85 |
| Cobalt | 0 | 500 | 33.6 | | 439 | 88 | 34.4 | | 439 | 88 |
| Copper | 0 | 500 | -3.6 | | 472 | 94 | -2.8 | | 477 | 95 |
| Iron | 200000 | 200000 | 170000 | 85 | 169000 | 85 | 172000 | 86 | 172000 | 86 |
| Magnesium | 500000 | 500000 | 432000 | 86 | 428000 | 86 | 434000 | 87 | 434000 | 87 |
| Manganese | 0 | 500 | 2.0 | | 450 | 90 | 2.3 | | 450 | 90 |
| Nickel | 0 | 1000 | 23.9 | | 825 | 83 | 24.2 | | 822 | 82 |
| Selenium | 0 | 50.0 | -2.9 | | 42.6 | 85 | 9.5 | | 50.8 | 102 |
| Thallium | 0 | 100 | 3.4 | | 88.7 | 89 | 3.7 | | 88.4 | 88 |
| Vanadium | 0 | 500 | -1.6 | | 445 | 89 | -1.6 | | 446 | 89 |
| Zinc | 0 | 1000 | 4.8 | | 842 | 84 | 7.6 | | 834 | 83 |

USEPA - CLP
4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

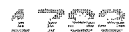
Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

| Analyte | True | | Initial Found | | | | Final Found | | | |
|-----------|--------|---------|---------------|----|---------|-----|-------------|----|---------|----|
| | Sol. A | Sol. AB | Sol. A | %R | Sol. AB | %R | Sol. A | %R | Sol. AB | %R |
| Aluminum | 500000 | 500000 | 454000 | 91 | 450000 | 90 | | | | |
| Antimony | 0 | 600 | -7.8 | | 605 | 101 | | | | |
| Arsenic | 0 | 100 | -4.2 | | 92.5 | 93 | | | | |
| Barium | 0 | 500 | 1.9 | | 493 | 99 | | | | |
| Beryllium | 0 | 500 | 0.0070 | | 448 | 90 | | | | |
| Cadmium | 0 | 1000 | 0.60 | | 890 | 89 | | | | |
| Calcium | 500000 | 500000 | 494000 | 99 | 496000 | 99 | | | | |
| Chromium | 0 | 500 | -8.1 | | 439 | 88 | | | | |
| Cobalt | 0 | 500 | 34.7 | | 449 | 90 | | | | |
| Copper | 0 | 500 | -2.2 | | 487 | 97 | | | | |
| Iron | 200000 | 200000 | 175000 | 88 | 174000 | 87 | | | | |
| Magnesium | 500000 | 500000 | 444000 | 89 | 440000 | 88 | | | | |
| Nickel | 0 | 1000 | 24.2 | | 845 | 85 | | | | |
| Selenium | 0 | 50.0 | 0.48 | | 49.9 | 100 | | | | |
| Thallium | 0 | 100 | 6.3 | | 93.3 | 93 | | | | |
| Vanadium | 0 | 500 | -1.6 | | 454 | 91 | | | | |



USEPA - CLP
4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

| Analyte | True | | Initial Found | | | | Final Found | | | |
|-----------|--------|---------|---------------|----|---------|----|-------------|----|---------|----|
| | Sol. A | Sol. AB | Sol. A | %R | Sol. AB | %R | Sol. A | %R | Sol. AB | %R |
| Potassium | 0 | 0.0 | -20 | | -15 | | -39 | | -50 | |
| Sodium | 0 | 0.0 | 33.5 | | 9.4 | | 32.3 | | 13.3 | |

USEPA - CLP
4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

| Analyte | True | | Initial Found | | | | Final Found | | | | |
|-----------|------|------|---------------|------|------|------|-------------|----|----|------|--|
| | Sol. | Sol. | Sol. | Sol. | | Sol. | Sol. | | | | |
| | A | AB | A | %R | AB | %R | A | %R | AB | %R | |
| Potassium | 0 | 0.0 | 141 | | 81.1 | | -0.023 | | | 2 | |
| Sodium | 0 | 0.0 | 92.3 | | 76.7 | | 32.8 | | | 27.4 | |

USEPA - CLP
4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

| Analyte | True | | Initial Found | | | | Final Found | | | |
|----------|--------|---------|---------------|----|---------|----|-------------|-----|---------|-----|
| | Sol. A | Sol. AB | Sol. A | %R | Sol. AB | %R | Sol. A | %R | Sol. AB | %R |
| Aluminum | 500000 | 500000 | 463000 | 93 | 460000 | 92 | 465000 | 93 | 458000 | 92 |
| Calcium | 500000 | 500000 | 496000 | 99 | 496000 | 99 | 504000 | 101 | 503000 | 101 |
| Iron | 200000 | 200000 | 174000 | 87 | 173000 | 87 | 174000 | 87 | 172000 | 86 |



USEPA - CLP
4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

| Analyte | True | | Initial Found | | | | Final Found | | | |
|---------|--------|--------|---------------|------|--------|------|-------------|----|--------|----|
| | Sol. | Sol. | Sol. | Sol. | | Sol. | Sol. | | Sol. | |
| | A | AB | A | %R | AB | %R | A | %R | AB | %R |
| Iron | 200000 | 200000 | 172000 | 86 | 167000 | 84 | 166000 | 83 | 167000 | 84 |
| Silver | 0 | 200 | -1.4 | | 185 | 93 | -2.1 | | 187 | 94 |

USEPA - CLP
4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

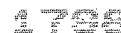
Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

| Analyte | True | | Initial Found | | | | Final Found | | | |
|---------|--------|---------|---------------|----|---------|----|-------------|----|---------|----|
| | Sol. A | Sol. AB | Sol. A | %R | Sol. AB | %R | Sol. A | %R | Sol. AB | %R |
| Iron | 200000 | 200000 | 166000 | 83 | 167000 | 84 | | | | |
| Silver | 0 | 200 | -2.3 | | 184 | 92 | -3.2 | | 187 | 94 |



USEPA - CLP
4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

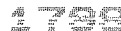
Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

| Analyte | True | | Initial Found | | | | Final Found | | | |
|---------|--------|---------|---------------|----|---------|----|-------------|----|---------|----|
| | Sol. A | Sol. AB | Sol. A | %R | Sol. AB | %R | Sol. A | %R | Sol. AB | %R |
| Silver | 0 | 200 | -2.0 | | 198 | 99 | -1.3 | | 195 | 98 |



USEPA - CLP
4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

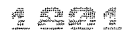
| Analyte | True | | Initial Found | | | | Final Found | | | |
|-----------|--------|---------|---------------|----|---------|----|-------------|----|---------|----|
| | Sol. A | Sol. AB | Sol. A | %R | Sol. AB | %R | Sol. A | %R | Sol. AB | %R |
| Manganese | 0 | 500 | 1.9 | | 463 | 93 | 2.3 | | 462 | 92 |
| Zinc | 0 | 1000 | 7.0 | | 860 | 86 | 6.8 | | 856 | 86 |

USEPA - CLP
4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

| Analyte | True | | Initial Found | | | | Final Found | | | |
|---------|------|------|---------------|------|------|------|-------------|----|------|----|
| | Sol. | Sol. | Sol. | Sol. | | Sol. | Sol. | | Sol. | |
| | A | AB | A | %R | AB | %R | A | %R | AB | %R |
| Lead | 0 | 50.0 | 6.4 | | 47.7 | 95 | 5.8 | | 47.6 | 95 |



USEPA - CLP
4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

| Analyte | True | | Initial Found | | | | Final Found | | | |
|---------|------|------|---------------|------|------|------|-------------|----|------|----|
| | Sol. | Sol. | Sol. | Sol. | | Sol. | Sol. | | Sol. | |
| | A | AB | A | %R | AB | %R | A | %R | AB | %R |
| Lead | 0 | 50.0 | 5.6 | | 48.8 | 98 | 5.4 | | 47 | 94 |



USEPA - CLP
4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: _____

Lab. Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

| Analyte | True | | Initial Found | | | | Final Found | | | |
|-----------|------|------|---------------|------|-----|------|-------------|----|------|----|
| | Sol. | Sol. | Sol. | Sol. | | Sol. | Sol. | | Sol. | |
| | A | AB | A | %R | AB | %R | A | %R | AB | %R |
| Manganese | 0 | 500 | 2.5 | | 490 | 98 | 3.4 | | 493 | 99 |
| Zinc | 0 | 1000 | 5.7 | | 902 | 90 | 12.3 | | 927 | 93 |

USEPA - CLP
4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

| Analyte | True | | Initial Found | | | | Final Found | | | |
|-----------|------|------|---------------|----|------|----|-------------|----|------|----|
| | Sol. | Sol. | Sol. | | Sol. | | Sol. | | Sol. | |
| | A | AB | A | %R | AB | %R | A | %R | AB | %R |
| Manganese | 0 | 500 | 2.8 | | 489 | 98 | | | | |
| Zinc | 0 | 1000 | 12.7 | | 919 | 92 | | | | |

USEPA - CLP

5A-IN

EPA SAMPLE NO.

MATRIX SPIKE SAMPLE RECOVERY

SB04WS

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM

Case No.: _____

NRAS No.: _____

SDG No.: MF0936Matrix (soil/water): WATERLevel (low/med): MED% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

| Analyte | Control Limit %R | Spiked Sample Result (SSR) C | Sample Result (SR) C | Spike Added (SA) | %R | Q | M |
|-----------|------------------|------------------------------|----------------------|------------------|---------|---|----|
| Aluminum | | 2996588.5248 | 3060145.9655 | 2000.00 | -3178 | | P |
| Antimony | 75-125 | 60.0000 U | 60.0000 U | 100.00 | 0 | N | P |
| Arsenic | | 37.6357 | 264.2671 | 40.00 | -567 | | P |
| Barium | | 21443.7696 | 10356.9956 | 2000.00 | 554 | | P |
| Beryllium | 75-125 | 197.0810 | 151.7311 | 50.00 | 91 | | P |
| Cadmium | | 577.1165 | 609.1058 | 50.00 | -64 | | P |
| Chromium | | 3707.5448 | 3432.9597 | 200.00 | 137 | | P |
| Cobalt | 75-125 | 2167.7322 | 1714.2763 | 500.00 | 91 | | P |
| Copper | | 47738.7473 | 46346.2982 | 250.00 | 557 | | P |
| Iron | | 4704935.3071 | 7020222.8120 | 1000.00 | -231529 | | P |
| Lead | | 283070.6946 | 269749.0048 | 20.00 | 66608 | | P |
| Manganese | | 116483.9797 | 116435.8397 | 500.00 | 10 | | P |
| Nickel | | 5381.3304 | 4523.2098 | 500.00 | 172 | | P |
| Selenium | 75-125 | 35.0000 U | 35.0000 U | 50.00 | 0 | N | P |
| Silver | 75-125 | 57.5724 | 10.0000 U | 50.00 | 115 | | P |
| Thallium | 75-125 | 88.1288 | 27.8805 | 50.00 | 120 | | P |
| Vanadium | | 50.0000 U | 4296.2476 | 500.00 | -859 | | P |
| Zinc | | 173478.5458 | 170434.7559 | 500.00 | 609 | | P |
| Mercury | | 23.5207 | 22.7328 | 1.00 | 79 | | CV |

Comments:

USEPA - CLP

5A-IN

EPA SAMPLE NO.

MATRIX SPIKE SAMPLE RECOVERY

SB10S

Lab Name: Mitkem Corporation

Contract:

Lab Code: MITKEM

Case No.:

NRAS No.:

SDG No.: MF0936

Matrix (soil/water): SOIL

Level (low/med): MED

% Solids for Sample: 90.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| Analyte | Control | Spiked Sample Result (SSR) C | Sample Result (SR) C | Spike Added (SA) | %R | Q | M |
|-----------|-------------|---------------------------------|-------------------------|---------------------|-----|---|----|
| | Limit %R | | | | | | |
| Antimony | 75-125 | 5.8210 J | 6.1000 U | 20.46 | 28 | N | P |
| Arsenic | 75-125 | 13.1784 | 3.7062 | 8.18 | 116 | | P |
| Barium | 75-125 | 559.5330 | 108.6151 | 409.25 | 110 | | P |
| Beryllium | 75-125 | 10.5535 | 0.5078 J | 10.23 | 98 | | P |
| Cadmium | 75-125 | 10.6479 | 0.2463 J | 10.23 | 102 | | P |
| Chromium | 75-125 | 57.9820 | 19.3796 | 40.92 | 94 | | P |
| Cobalt | 75-125 | 115.3914 | 11.2156 | 102.31 | 102 | | P |
| Copper | 75-125 | 101.6627 | 40.7539 | 51.16 | 119 | | P |
| Lead | | 80.3148 | 58.6367 | 4.09 | 530 | | P |
| Manganese | | 571.3484 | 657.6210 | 102.31 | -84 | | P |
| Nickel | 75-125 | 129.4651 | 26.6133 | 102.31 | 101 | | P |
| Selenium | 75-125 | 13.4752 | 4.9229 | 10.23 | 84 | | P |
| Silver | 75-125 | 2.9019 | 1.0000 U | 10.23 | 28 | N | P |
| Thallium | 75-125 | 15.2137 | 6.1328 | 10.23 | 89 | | P |
| Vanadium | 75-125 | 122.4252 | 17.7701 | 102.31 | 102 | | P |
| Zinc | 75-125 | 221.5525 | 94.2870 | 102.31 | 124 | | P |
| Mercury | 75-125 | 0.5300 | 0.0960 U | 0.48 | 110 | | CV |
| Cyanide | 75-125 | 4.5181 | 2.4000 U | 4.85 | 93 | | AS |

Comments:

USEPA - CLP

5B-IN

EPA SAMPLE NO.

POST-DIGESTION SPIKE SAMPLE RECOVERY

SB04WA

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM

Case No.: _____

NRAS No.: _____

SDG No.: MF0936

Matrix (soil/water): WATER

Level (low/med): MED

Concentration Units (ug/L or mg/kg dry weight): ug/L

| Analyte | Control | Spike Sample | | Sample | | Spike | %R | Q | M |
|----------|---------|----------------|---|---------------|---|------------|----|---|---|
| | Limit | Result (SSR) C | | Result (SR) C | | Added (SA) | | | |
| | %R | | | | | | | | |
| Antimony | | 60.00 | U | 0.79 | U | 120.0 | 0 | | P |
| Selenium | | 35.00 | U | 2.10 | U | 70.0 | 0 | | P |

Comments:

USEPA - CLP

5B-IN

EPA SAMPLE NO.

POST-DIGESTION SPIKE SAMPLE RECOVERY

SB10A

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Matrix (soil/water): SOIL Level (low/med): MED

Concentration Units (ug/L or mg/kg dry weight): ug/L

| Analyte | Control Limit %R | Spike Sample Result (SSR) C | Sample Result (SR) C | Spike Added (SA) | %R | Q | M |
|----------|------------------|-----------------------------|----------------------|------------------|----|---|---|
| Antimony | | 105.99 | 0.79 U | 120.0 | 88 | | P |

Comments:

USEPA - CLP

6-IN

EPA SAMPLE NO.

DUPLICATES

SB04WD

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM Case No.: _____

NRAS No.: _____

SDG No.: MF0936Matrix (soil/water): WATERLevel (low/med): MED% Solids for Sample: 0.0% Solids for Duplicate: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

| Analyte | Control Limit | Sample (S) | C | Duplicate (D) | C | RPD | Q | M |
|-----------|---------------|--------------|---|---------------|---|-----|---|----|
| Aluminum | | 3060145.9655 | | 3017275.1701 | | | 1 | P |
| Antimony | | 60.0000 | U | 60.0000 | U | | | P |
| Arsenic | | 264.2671 | | 236.6421 | | 11 | | P |
| Barium | | 10356.9956 | | 9969.3229 | | 4 | | P |
| Beryllium | | 151.7311 | | 151.9784 | | 0 | | P |
| Cadmium | | 609.1058 | | 611.8888 | | 0 | | P |
| Calcium | | 2199860.0508 | | 2203238.4791 | | 0 | | P |
| Chromium | | 3432.9597 | | 3548.9459 | | 3 | | P |
| Cobalt | | 1714.2763 | | 1720.5039 | | 0 | | P |
| Copper | | 46346.2982 | | 46103.9045 | | 1 | | P |
| Iron | | 7020222.8120 | | 6919199.3678 | | 1 | | P |
| Lead | | 269749.0048 | | 269484.3912 | | 0 | | P |
| Magnesium | | 491400.3114 | | 492897.7608 | | 0 | | P |
| Manganese | | 116435.8397 | | 115353.0247 | | 1 | | P |
| Nickel | | 4523.2098 | | 4539.9920 | | 0 | | P |
| Potassium | 250000.0 | 320796.7222 | | 309922.8479 | | 3 | | P |
| Selenium | | 35.0000 | U | 35.0000 | U | | | P |
| Silver | | 10.0000 | U | 10.0000 | U | | | P |
| Sodium | | 115103.8597 | | 112765.8365 | | 2 | | P |
| Thallium | 25.0 | 27.8805 | | 25.0000 | U | 200 | * | P |
| Vanadium | | 4296.2476 | | 4237.2265 | | 1 | | P |
| Zinc | | 170434.7559 | | 171218.2862 | | 0 | | P |
| Mercury | | 22.7328 | | 23.1740 | | 2 | | CV |

USEPA - CLP

6-IN

EPA SAMPLE NO.

DUPLICATES

SB10D

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM Case No.: _____

NRAS No.: _____

SDG No.: MF0936Matrix (soil/water): SOILLevel (low/med): MED% Solids for Sample: 90.5% Solids for Duplicate: 90.5Concentration Units (ug/L or mg/kg dry weight): MG/KG

| Analyte | Control Limit | Sample (S) | C | Duplicate (D) | C | RPD | Q | M |
|-----------|---------------|------------|---|---------------|---|-----|---|----|
| Aluminum | | 9920.1634 | | 10357.2443 | | 4 | | P |
| Antimony | | 6.1000 | U | 6.1000 | U | | | P |
| Arsenic | 1.0 | 3.7062 | | 5.5053 | | 39 | * | P |
| Barium | | 108.6151 | | 159.8599 | | 38 | * | P |
| Beryllium | 0.5 | 0.5078 | J | 0.5467 | | 7 | | P |
| Cadmium | 0.5 | 0.2463 | J | 0.6750 | | 93 | | P |
| Calcium | 510.0 | 2036.9666 | | 3325.2710 | | 48 | * | P |
| Chromium | | 19.3796 | | 16.1278 | | 18 | | P |
| Cobalt | 5.1 | 11.2156 | | 13.3586 | | 17 | | P |
| Copper | | 40.7539 | | 1153.7832 | | 186 | * | P |
| Iron | | 29066.4593 | | 26131.8395 | | 11 | | P |
| Lead | | 58.6367 | | 101.7608 | | 54 | * | P |
| Magnesium | | 4933.6161 | | 4765.7505 | | 3 | | P |
| Manganese | | 657.6210 | | 899.9902 | | 31 | * | P |
| Nickel | | 26.6133 | | 27.0578 | | 2 | | P |
| Potassium | 510.0 | 1422.3997 | | 1446.8217 | | 2 | | P |
| Selenium | 3.6 | 4.9229 | | 5.0863 | | 3 | | P |
| Silver | | 1.0000 | U | 1.0000 | U | | | P |
| Sodium | | 98.0556 | J | 106.9202 | J | 9 | | P |
| Thallium | 2.6 | 6.1328 | | 5.7898 | | 6 | | P |
| Vanadium | 5.1 | 17.7701 | | 19.5042 | | 9 | | P |
| Zinc | | 94.2870 | | 161.1002 | | 52 | * | P |
| Mercury | | 0.0960 | U | 0.0960 | U | | | CV |
| Cyanide | | 2.4000 | U | 2.4000 | U | | | AS |

USEPA - CLP
7-IN
LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Solid LCS Source: _____ LCS(D) ID: _____
 Aqueous LCS Source: _____ LCS-31267

| Analyte | Aqueous (ug/L) | | | Solid (mg/kg) | | | | | |
|---------|----------------|-------|----|---------------|-------|---|--------|-------|----|
| | True | Found | %R | True | Found | C | Limits | %R | |
| Cyanide | | | | 172.0 | 146.2 | | 66 | 278.0 | 85 |

USEPA - CLP
7-IN
LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Solid LCS Source: _____ LCS(D) ID: _____
 Aqueous LCS Source: _____ LCS-31385

| Analyte | Aqueous (ug/L) | | | Solid (mg/kg) | | | | |
|-----------|----------------|----------|-----|---------------|-------|---|--------|----|
| | True | Found | %R | True | Found | C | Limits | %R |
| Aluminum | 9100.0 | 9730.40 | 107 | | | | | |
| Antimony | 455.0 | 522.65 | 115 | | | | | |
| Arsenic | 455.0 | 534.84 | 118 | | | | | |
| Barium | 9100.0 | 10229.72 | 112 | | | | | |
| Beryllium | 227.0 | 254.12 | 112 | | | | | |
| Cadmium | 227.0 | 261.68 | 115 | | | | | |
| Calcium | 22700.0 | 25112.55 | 111 | | | | | |
| Chromium | 910.0 | 1005.40 | 110 | | | | | |
| Cobalt | 2270.0 | 2508.85 | 111 | | | | | |
| Copper | 1130.0 | 1271.69 | 113 | | | | | |
| Iron | 4550.0 | 5237.52 | 115 | | | | | |
| Lead | 455.0 | 511.63 | 112 | | | | | |
| Magnesium | 22700.0 | 25276.67 | 111 | | | | | |
| Manganese | 2270.0 | 2416.93 | 106 | | | | | |
| Nickel | 2270.0 | 2536.80 | 112 | | | | | |
| Potassium | 22700.0 | 25249.41 | 111 | | | | | |
| Selenium | 455.0 | 516.96 | 114 | | | | | |
| Silver | 1130.0 | 1150.05 | 102 | | | | | |
| Sodium | 22700.0 | 25388.11 | 112 | | | | | |
| Thallium | 455.0 | 511.95 | 113 | | | | | |
| Vanadium | 2270.0 | 2503.76 | 110 | | | | | |
| Zinc | 2270.0 | 2306.82 | 102 | | | | | |

USEPA - CLP
7-IN
LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Solid LCS Source: _____ LCS(D) ID: _____
 Aqueous LCS Source: _____ LCS-31386

| Analyte | Aqueous (ug/L) | | | Solid (mg/kg) | | | | |
|-----------|----------------|-------|----|---------------|---------|---|----------------|-----|
| | True | Found | %R | True | Found | C | Limits | %R |
| Aluminum | | | | 7360.0 | 6992.9 | | 4329.9 10399.7 | 95 |
| Antimony | | | | 78.2 | 59.1 | | 6 165.0 | 76 |
| Arsenic | | | | 197.0 | 192.4 | | 159 236.0 | 98 |
| Barium | | | | 645.0 | 682.0 | | 534 756.0 | 106 |
| Beryllium | | | | 68.9 | 66.7 | | 56.5 81.2 | 97 |
| Cadmium | | | | 77.3 | 79.1 | | 60.8 93.8 | 102 |
| Calcium | | | | 4080.0 | 3599.5 | | 3239.9 4920.1 | 88 |
| Chromium | | | | 129.0 | 127.9 | | 104 154.0 | 99 |
| Cobalt | | | | 115.0 | 117.4 | | 94.1 136.0 | 102 |
| Copper | | | | 94.6 | 95.4 | | 76.6 113.0 | 101 |
| Iron | | | | 15100.0 | 12218.5 | | 7020 23299.3 | 81 |
| Lead | | | | 106.0 | 105.6 | | 86.6 125.0 | 100 |
| Magnesium | | | | 2370.0 | 2343.3 | | 1850 2890.0 | 99 |
| Manganese | | | | 326.0 | 327.5 | | 265 387.0 | 100 |
| Nickel | | | | 211.0 | 215.8 | | 174 248.0 | 102 |
| Potassium | | | | 2490.0 | 2425.3 | | 1819.9 3160.1 | 97 |
| Selenium | | | | 104.0 | 97.6 | | 80.5 127.0 | 94 |
| Silver | | | | 155.0 | 150.2 | | 103 207.0 | 97 |
| Sodium | | | | 722.0 | 701.8 | | 462 982.0 | 97 |
| Thallium | | | | 132.0 | 134.9 | | 102 162.0 | 102 |
| Vanadium | | | | 148.0 | 141.9 | | 114 182.0 | 96 |
| Zinc | | | | 150.0 | 148.8 | | 119 181.0 | 99 |

USEPA - CLP
7-IN
LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Solid LCS Source: _____ LCS(D) ID:
 Aqueous LCS Source: _____ LCS-31388

| Analyte | Aqueous (ug/L) | | | Solid (mg/kg) | | | | | |
|---------|----------------|-------|----|---------------|-------|---|--------|-----|----|
| | True | Found | %R | True | Found | C | Limits | %R | |
| Mercury | | | | 3.9 | 3.4 | | 2.6 | 5.2 | 87 |



USEPA - CLP

8-IN

EPA SAMPLE NO.

ICP_AES and ICP-MS SERIAL DILUTIONS

SB04W

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM Case No.: _____

NRAS No.: _____

SDG No.: MF0936Matrix (soil/water): WATERLevel (low/med): MED

Concentration Units (ug/L or mg/kg dry weight): ug/L

| Analyte | Initial Sample | | Serial Dilution | | % Difference | Q | M |
|-----------|----------------|---|-----------------|---|--------------|---|---|
| | Result (I) | C | Result (S) | C | | | |
| Aluminum | 306014.60 | | 321749.67 | | 5 | | P |
| Antimony | 60.00 | U | 300.00 | U | | | P |
| Arsenic | 264.27 | | 350.64 | | 33 | E | P |
| Barium | 10357.00 | | 16321.03 | | 58 | E | P |
| Beryllium | 151.73 | | 229.80 | | 51 | E | P |
| Cadmium | 609.11 | | 739.57 | | 21 | E | P |
| Calcium | 219986.01 | | 214703.98 | | 2 | | P |
| Chromium | 3432.96 | | 5194.13 | | 51 | E | P |
| Cobalt | 1714.28 | | 2855.56 | | 67 | E | P |
| Copper | 46346.30 | | 56027.35 | | 21 | E | P |
| Iron | 140404.46 | | 148228.07 | | 6 | | P |
| Lead | 2697.49 | | 2758.69 | | 2 | | P |
| Magnesium | 491400.31 | | 850030.21 | | 73 | E | P |
| Manganese | 11643.58 | | 13426.66 | | 15 | E | P |
| Nickel | 4523.21 | | 7627.51 | | 69 | E | P |
| Potassium | 6415.93 | | 6357.13 | J | 1 | | P |
| Selenium | 35.00 | U | 194.45 | | | | P |
| Silver | 10.00 | U | 50.00 | U | | | P |
| Sodium | 115103.86 | | 132031.74 | | 15 | E | P |
| Thallium | 27.88 | | 815.22 | | 2824 | | P |
| Vanadium | 4296.25 | | 6269.89 | | 46 | E | P |
| Zinc | 17043.48 | | 20385.24 | | 20 | E | P |

USEPA - CLP

8-IN

EPA SAMPLE NO.

ICP_AES and ICP-MS SERIAL DILUTIONS

SB10

Lab Name: Mitkem Corporation

Contract:

Lab Code: MITKEM

Case No.:

NRAS No.:

SDG No.: MF0936

Matrix (soil/water): SOIL

Level (low/med): MED

Concentration Units (ug/L or mg/kg dry weight): ug/L

| Analyte | Initial Sample | | Serial Dilution | | % | Q | M |
|-----------|----------------|---|-----------------|---|----|---|---|
| | Result (I) | C | Result (S) | C | | | |
| Aluminum | 96959.68 | | 102213.03 | | 5 | | P |
| Antimony | 6.10 | U | 30.00 | U | | | P |
| Arsenic | 36.22 | | 38.08 | J | 5 | | P |
| Barium | 1061.60 | | 1154.53 | | 9 | | P |
| Beryllium | 4.96 | J | 5.40 | J | 9 | | P |
| Cadmium | 2.41 | J | 1.42 | J | 41 | | P |
| Calcium | 19909.31 | | 20101.56 | J | 1 | | P |
| Chromium | 189.42 | | 199.14 | | 5 | | P |
| Cobalt | 109.62 | | 120.20 | J | 10 | | P |
| Copper | 398.33 | | 411.48 | | 3 | | P |
| Iron | 284095.57 | | 322138.19 | | 13 | E | P |
| Lead | 573.11 | | 644.44 | | 12 | E | P |
| Magnesium | 48221.16 | | 53425.17 | | 11 | E | P |
| Manganese | 6427.59 | | 7008.49 | | 9 | | P |
| Nickel | 260.12 | | 286.41 | | 10 | E | P |
| Potassium | 13902.53 | | 14175.83 | J | 2 | | P |
| Selenium | 48.12 | | 63.06 | J | 31 | | P |
| Silver | 1.00 | U | 5.00 | U | | | P |
| Sodium | 958.40 | J | 977.68 | J | 2 | | P |
| Thallium | 59.94 | | 73.89 | J | 23 | | P |
| Vanadium | 173.69 | | 183.75 | J | 6 | | P |
| Zinc | 921.56 | | 1022.96 | | 11 | E | P |

USEPA - CLP
9-IN
METHOD DETECTION LIMITS (ANUALLY)

Lab Name: Mitkem Corporation Contract: _____
Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
Instrument Type: CV InstrumentID: FIMS1 Date: 10/16/2006
Preparation Method: METHO
Concentration Units (ug/L or mg/kg): UG/L

| Analyte | Wavelength /Mass | CRQL | MDL |
|---------|---------------------|------|-------|
| Mercury | 253.70 | 0.2 | 0.080 |

Comments:



USEPA - CLP
9-IN
METHOD DETECTION LIMITS (ANUALLY)

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Instrument Type: CV InstrumentID: FIMS1 Date: 10/16/2006

Preparation Method: METHO

Concentration Units (ug/L or mg/kg): MG/KG

| Analyte | Wavelength /Mass | CRQL | MDL |
|---------|---------------------|------|-------|
| Mercury | 253.70 | 0.1 | 0.020 |

Comments:

USEPA - CLP
9-IN
METHOD DETECTION LIMITS (ANUALLY)

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Instrument Type: AS InstrumentID: LACHAT1 Date: 10/16/2006

Preparation Method: METHO

Concentration Units (ug/L or mg/kg): UG/L

| Analyte | Wavelength /Mass | CRQL | MDL |
|---------|---------------------|------|-----|
| Cyanide | 570.00 | 10 | 3.9 |

Comments:

USEPA - CLP
9-IN
METHOD DETECTION LIMITS (ANUALLY)

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Instrument Type: AS InstrumentID: LACHAT1 Date: 10/16/2006

Preparation Method: METHO

Concentration Units (ug/L or mg/kg): MG/KG

| Analyte | Wavelength /Mass | CRQL | MDL |
|---------|---------------------|------|------|
| Cyanide | 570.00 | 2.5 | 0.22 |

Comments:

USEPA - CLP
9-IN
METHOD DETECTION LIMITS (ANUALLY)

Lab Name: Mitkem Corporation Contract: _____
Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
Instrument Type: P InstrumentID: OPTIMA3 Date: 10/16/2006
Preparation Method: METHO
Concentration Units (ug/L or mg/kg): UG/L

| Analyte | Wavelength /Mass | CRQL | MDL |
|-----------|------------------|------|-------|
| Aluminum | 308.21 | 200 | 4.9 |
| Antimony | 206.83 | 60 | 0.79 |
| Arsenic | 188.98 | 10 | 1.7 |
| Barium | 233.53 | 200 | 0.49 |
| Beryllium | 313.11 | 5.0 | 0.10 |
| Cadmium | 226.50 | 5.0 | 0.077 |
| Calcium | 227.54 | 5000 | 18.0 |
| Chromium | 267.72 | 10 | 0.16 |
| Cobalt | 228.62 | 50 | 0.30 |
| Copper | 324.75 | 25 | 5.1 |
| Iron | 273.96 | 100 | 44.0 |
| Lead | 220.35 | 10 | 0.60 |
| Magnesium | 279.08 | 5000 | 11.0 |
| Manganese | 257.61 | 15 | 0.66 |
| Nickel | 231.60 | 40 | 0.34 |
| Potassium | 766.49 | 5000 | 26.0 |
| Selenium | 196.03 | 35 | 2.1 |
| Silver | 328.07 | 10 | 1.5 |
| Sodium | 589.59 | 5000 | 41.0 |
| Thallium | 190.80 | 25 | 1.3 |
| Vanadium | 292.40 | 50 | 0.30 |
| Zinc | 206.20 | 60 | 8.5 |

Comments:



USEPA - CLP
9-IN
METHOD DETECTION LIMITS (ANUALLY)

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument Type: P InstrumentID: OPTIMA3 Date: 10/16/2006
 Preparation Method: METHO
 Concentration Units (ug/L or mg/kg): MG/KG

| Analyte | Wavelength /Mass | CRQL | MDL |
|-----------|---------------------|------|--------|
| Aluminum | 308.21 | 20 | 1.6 |
| Antimony | 206.83 | 6.0 | 0.22 |
| Arsenic | 188.98 | 1.0 | 0.13 |
| Barium | 233.53 | 20 | 0.083 |
| Beryllium | 313.11 | 0.50 | 0.0061 |
| Cadmium | 226.50 | 0.50 | 0.020 |
| Calcium | 227.54 | 500 | 8.7 |
| Chromium | 267.72 | 1.0 | 0.026 |
| Cobalt | 228.62 | 5.0 | 0.068 |
| Copper | 324.75 | 2.5 | 0.38 |
| Iron | 273.96 | 10 | 0.47 |
| Lead | 220.35 | 1.0 | 0.073 |
| Magnesium | 279.08 | 500 | 2.6 |
| Manganese | 257.61 | 1.5 | 0.047 |
| Nickel | 231.60 | 4.0 | 0.078 |
| Potassium | 766.49 | 500 | 3.3 |
| Selenium | 196.03 | 3.5 | 0.40 |
| Silver | 328.07 | 1.0 | 0.098 |
| Sodium | 589.59 | 500 | 1.1 |
| Thallium | 190.80 | 2.5 | 0.10 |
| Vanadium | 292.40 | 5.0 | 0.014 |
| Zinc | 206.20 | 6.0 | 1.1 |

Comments:

USEPA - CLP

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name: Mitkem Corporation Contract: _____Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936ICP-AES Instrument ID: OPTIMA3 Date: 07/12/2007

| Analyte | Wave-length (nm) | Interelement Correction Factors for: | | | | |
|-----------|---------------------|--------------------------------------|------------|------------|------------|-------------|
| | | Al | Ca | Fe | Mg | Cr |
| Aluminum | 308.21 | | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Antimony | 206.83 | 0.0165194 | -0.0269414 | 0.0671652 | 0.0000000 | 34.8423000 |
| Arsenic | 188.97 | 0.0321479 | -0.0164298 | 0.0092644 | 0.0069818 | -15.1898000 |
| Barium | 233.52 | 0.0000000 | 0.0000000 | 0.0070839 | 0.0000000 | 0.0000000 |
| Beryllium | 313.10 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium | 226.50 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Calcium | 227.54 | 0.0000000 | | 21.3231000 | 0.1322570 | 6.3847900 |
| Chromium | 267.71 | 0.0162366 | 0.0000000 | -0.0128320 | 0.0000000 | |
| Cobalt | 228.61 | 0.0000000 | 0.0103082 | 0.0063178 | 0.0000000 | 0.0000000 |
| Copper | 324.75 | 0.0000000 | -0.0029022 | 0.0481345 | 0.0000000 | 0.0000000 |
| Iron | 273.95 | 4.0019200 | 0.9972660 | | 1.0248300 | 0.0000000 |
| Lead | 220.35 | -0.0261250 | -0.0091514 | 0.0338637 | -0.0025272 | -0.1959070 |
| Magnesium | 279.07 | 0.0000000 | 0.0000000 | 0.4544340 | | 0.0000000 |
| Manganese | 257.61 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | -0.0744474 |
| Nickel | 231.60 | 0.0304040 | 0.0208473 | 0.0000000 | 0.0030666 | 0.0000000 |
| Selenium | 196.02 | -0.0277409 | 0.1280500 | -0.3677690 | -0.0024431 | -0.2418720 |
| Silver | 328.06 | 0.0025030 | -0.0810159 | 0.2373430 | 0.0000000 | -0.3365300 |
| Sodium | 330.24 | 0.0000000 | 2.0260100 | -1.1192500 | 0.0000000 | 6.9071900 |
| Thallium | 190.80 | 0.0752767 | -0.0021910 | -0.1260270 | -0.0129623 | 0.1731700 |
| Vanadium | 292.40 | 0.0000000 | 0.0000000 | -0.0170223 | 0.0000000 | -1.7970000 |
| Zinc | 206.20 | 0.0976461 | 0.0022339 | 0.0000000 | -0.0113280 | -5.2512300 |

Comments:

USEPA - CLP

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name: Mitkem Corporation

Contract: _____

Lab Code: MITKEM

Case No.: _____

NRAS No.: _____

SDG No.: MF0936ICP-AES Instrument ID: OPTIMA3Date: 07/12/2007

| Analyte | Wave-length (nm) | Interelement Correction Factors for: | | | | |
|-----------|---------------------|--------------------------------------|-------------|------------|------------|--------------|
| | | Cu | Mn | Ni | Tl | Ti |
| Aluminum | 308.21 | 0.0000000 | 0.0000000 | 0.0000000 | -2.6451200 | 0.0000000 |
| Antimony | 206.83 | 0.0508536 | -0.0741957 | -0.3922080 | -0.1524470 | -1.1446500 |
| Arsenic | 188.97 | 0.0000000 | 0.0801510 | 0.0816481 | 0.1155630 | -0.3434380 |
| Barium | 233.52 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 313.10 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | -1.8085900 |
| Cadmium | 226.50 | 0.0000000 | 0.0000000 | -0.4609680 | 0.0000000 | 0.0000000 |
| Calcium | 227.54 | 5.8622800 | -3.3650500 | 42.5140000 | 0.0000000 | 0.0000000 |
| Chromium | 267.71 | 0.0000000 | 0.9235800 | 0.0000000 | 0.0000000 | 0.1055630 |
| Cobalt | 228.61 | 0.0000000 | 0.0000000 | 0.0830718 | 0.0000000 | 2.9101900 |
| Copper | 324.75 | | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Iron | 273.95 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead | 220.35 | 0.3741390 | 0.2127200 | -0.1735820 | 0.0000000 | 0.0000000 |
| Magnesium | 279.07 | 0.0000000 | -11.7192000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.61 | 0.0000000 | | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel | 231.60 | 0.0904334 | 0.0000000 | | 0.2723600 | 0.7524540 |
| Selenium | 196.02 | -0.3950490 | 0.8330850 | 0.0192791 | -0.1264270 | -0.1039310 |
| Silver | 328.06 | -0.1307520 | -0.3365300 | 0.0000000 | 0.0616354 | 0.1488940 |
| Sodium | 330.24 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | -221.0530000 |
| Thallium | 190.80 | 0.0404189 | -1.1832000 | 0.0000000 | | 0.3880270 |
| Vanadium | 292.40 | 0.1117630 | -0.0763171 | 0.0000000 | 0.0000000 | 0.1276600 |
| Zinc | 206.20 | 0.0747221 | -0.8763280 | 0.0000000 | 0.0719308 | 0.0000000 |

Comments:

USEPA - CLP

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 ICP-AES Instrument ID: OPTIMA3 Date: 07/12/2007

| Analyte | Wave-length (nm) | Interelement Correction Factors for: | | | |
|-----------|------------------|--------------------------------------|-------|-------|-------|
| | | V | _____ | _____ | _____ |
| Aluminum | 308.21 | 8.3394700 | | | |
| Antimony | 206.83 | -1.4353000 | | | |
| Arsenic | 188.97 | 0.1630090 | | | |
| Barium | 233.52 | -1.2844000 | | | |
| Beryllium | 313.10 | -0.0323626 | | | |
| Cadmium | 226.50 | 0.0000000 | | | |
| Calcium | 227.54 | 19.8272000 | | | |
| Chromium | 267.71 | -0.6777960 | | | |
| Cobalt | 228.61 | 0.0000000 | | | |
| Copper | 324.75 | -0.0393918 | | | |
| Iron | 273.95 | 74.7782000 | | | |
| Lead | 220.35 | -0.0369626 | | | |
| Magnesium | 279.07 | -1.0695800 | | | |
| Manganese | 257.61 | 0.0000000 | | | |
| Nickel | 231.60 | 0.0842320 | | | |
| Selenium | 196.02 | -0.3437310 | | | |
| Silver | 328.06 | 12.9032000 | | | |
| Sodium | 330.24 | 4.4905800 | | | |
| Thallium | 190.80 | 0.5103940 | | | |
| Vanadium | 292.40 | | | | |
| Zinc | 206.20 | 0.0415035 | | | |

Comments:



USEPA - CLP

11-IN

ICP-AES and ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 ICP InstrumentID: OPTIMA3 Date: 08/01/2007

| Analyte | Integ. Time (Sec.) | Concentration (ug/L) | M |
|-----------|--------------------------|-------------------------|---|
| Aluminum | 0.20 | 500000 | P |
| Antimony | 0.20 | 50000 | P |
| Arsenic | 0.20 | 25000 | P |
| Barium | 0.20 | 50000 | P |
| Beryllium | 0.20 | 5000 | P |
| Cadmium | 0.20 | 25000 | P |
| Calcium | 0.20 | 500000 | P |
| Chromium | 0.20 | 25000 | P |
| Cobalt | 0.20 | 50000 | P |
| Copper | 0.20 | 50000 | P |
| Iron | 0.20 | 300000 | P |
| Lead | 0.20 | 50000 | P |
| Magnesium | 0.20 | 500000 | P |
| Manganese | 0.20 | 25000 | P |
| Nickel | 0.20 | 50000 | P |
| Potassium | 0.20 | 250000 | P |
| Selenium | 0.20 | 25000 | P |
| Silver | 0.20 | 2500 | P |
| Sodium | 0.20 | 250000 | P |
| Thallium | 0.20 | 50000 | P |
| Vanadium | 0.20 | 25000 | P |
| Zinc | 0.20 | 25000 | P |

Comments:

USEPA - CLP
12-IN
PREPARATION LOG

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Method: METHOD *DS2*
8/14/07 PES

| EPA Sample No. | Preparation Date | Weight (gram) | Volume (mL) |
|----------------|------------------|---------------|-------------|
| ICV | 07/19/2007 | 1.00 | 50 |
| LCSS | 07/19/2007 | 1.00 | 50 |
| PBS | 07/19/2007 | 1.00 | 50 |
| SB01 | 07/19/2007 | 1.18 | 50 |
| SB03 | 07/19/2007 | 1.12 | 50 |
| SB04 | 07/19/2007 | 1.19 | 50 |
| SB05 | 07/19/2007 | 1.22 | 50 |
| SB07 | 07/19/2007 | 1.14 | 50 |
| SB09 | 07/19/2007 | 1.16 | 50 |
| SB10 | 07/19/2007 | 1.14 | 50 |
| SB10D | 07/19/2007 | 1.14 | 50 |
| SB10S | 07/19/2007 | 1.14 | 50 |

Comments:



USEPA - CLP
12-IN
PREPARATION LOG

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Method: METHOD **HW1**
8/14/07 DES

| EPA Sample No. | Preparation Date | Weight (gram) | Volume (mL) |
|-------------------|---------------------|------------------|----------------|
| LCSW | 07/26/2007 | | 50 |
| PBW | 07/26/2007 | | 50 |
| SB03/D | 07/26/2007 | | 50 |
| SB03W | 07/26/2007 | | 50 |
| SB04W | 07/26/2007 | | 50 |
| SB04WD | 07/26/2007 | | 50 |
| SB04WS | 07/26/2007 | | 50 |
| SB07W | 07/26/2007 | | 50 |
| SB10W | 07/26/2007 | | 50 |
| SB11W | 07/26/2007 | | 50 |

Comments:

USEPA - CLP
12-IN
PREPARATION LOG

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Method: METHOD **HS1, 2**
8/14/07 DES

| EPA Sample No. | Preparation Date | Weight (gram) | Volume (mL) |
|----------------|------------------|---------------|-------------|
| LCSS | 07/26/2007 | 1.00 | 100 |
| PBS | 07/26/2007 | 1.00 | 100 |
| SB01 | 07/26/2007 | 1.32 | 100 |
| SB02 | 07/26/2007 | 1.19 | 100 |
| SB03 | 07/26/2007 | 1.10 | 100 |
| SB04 | 07/26/2007 | 1.04 | 100 |
| SB05 | 07/26/2007 | 1.02 | 100 |
| SB07 | 07/26/2007 | 1.00 | 100 |
| SB08 | 07/26/2007 | 1.11 | 100 |
| SB09 | 07/26/2007 | 1.03 | 100 |
| SB10 | 07/26/2007 | 1.08 | 100 |
| SB10D | 07/26/2007 | 1.08 | 100 |
| SB10S | 07/26/2007 | 1.08 | 100 |
| SB11 | 07/26/2007 | 1.33 | 100 |

Comments:

USEPA - CLP
12-IN
PREPARATION LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936

Preparation Method: CS1

| EPA Sample No. | Preparation Date | Weight (gram) | Volume (mL) |
|-------------------|---------------------|------------------|----------------|
| CCB | 07/26/2007 | 0.20 | 100 |
| CCV | 07/26/2007 | 0.20 | 100 |
| ICB | 07/26/2007 | 0.20 | 100 |
| ICV | 07/26/2007 | 0.20 | 100 |
| S0 | 07/26/2007 | 0.20 | 100 |
| S0.2 | 07/26/2007 | 0.20 | 100 |
| S1.0 | 07/26/2007 | 0.20 | 100 |
| S10.0 | 07/26/2007 | 0.20 | 100 |
| S2.0 | 07/26/2007 | 0.20 | 100 |
| S5.0 | 07/26/2007 | 0.20 | 100 |
| LCSS | 07/26/2007 | 0.20 | 100 |
| PBS | 07/26/2007 | 0.20 | 100 |
| SB01 | 07/26/2007 | 0.21 | 100 |
| SB02 | 07/26/2007 | 0.25 | 100 |
| SB03 | 07/26/2007 | 0.21 | 100 |
| SB04 | 07/26/2007 | 0.25 | 100 |
| SB05 | 07/26/2007 | 0.21 | 100 |
| SB07 | 07/26/2007 | 0.21 | 100 |
| SB08 | 07/26/2007 | 0.24 | 100 |
| SB09 | 07/26/2007 | 0.24 | 100 |
| SB10 | 07/26/2007 | 0.23 | 100 |
| SB10D | 07/26/2007 | 0.23 | 100 |
| SB10S | 07/26/2007 | 0.23 | 100 |
| SB11 | 07/26/2007 | 0.24 | 100 |

Comments:

USEPA - CLP
12-IN
PREPARATION LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Preparation Method: CW1

| EPA Sample No. | Preparation Date | Weight (gram) | Volume (mL) |
|-------------------|---------------------|------------------|----------------|
| CCB | 07/26/2007 | | 100 |
| CCV | 07/26/2007 | | 100 |
| ICB | 07/26/2007 | | 100 |
| ICV | 07/26/2007 | | 100 |
| S0 | 07/26/2007 | | 100 |
| S0.2 | 07/26/2007 | | 100 |
| S1.0 | 07/26/2007 | | 100 |
| S10.0 | 07/26/2007 | | 100 |
| S2.0 | 07/26/2007 | | 100 |
| S5.0 | 07/26/2007 | | 100 |
| PBW | 07/26/2007 | | 100 |
| SB03/D | 07/26/2007 | | 100 |
| SB03W | 07/26/2007 | | 100 |
| SB04W | 07/26/2007 | | 100 |
| SB04WD | 07/26/2007 | | 100 |
| SB04WS | 07/26/2007 | | 100 |
| SB07W | 07/26/2007 | | 100 |
| SB10W | 07/26/2007 | | 100 |
| SB11W | 07/26/2007 | | 100 |

Comments:

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: FIMS1 Analysis Method: CV
 Start Date: 07/27/2007 End Date: 07/27/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-----|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|--------|--------|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | |
| S0 | 1.0 | 0823 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| S0.2 | 1.0 | 0825 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| S1.0 | 1.0 | 0826 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| S2.0 | 1.0 | 0827 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| S5.0 | 1.0 | 0829 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| S10.0 | 1.0 | 0830 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| ICV | 1.0 | 0832 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| ICB | 1.0 | 0833 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| CRI | 1.0 | 0835 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| CCV | 1.0 | 0836 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| CCB | 1.0 | 0837 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| PBS | 1.0 | 0839 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| LCSS | 1.0 | 0840 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| SB01 | 1.0 | 0842 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| SB07 | 1.0 | 0843 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| SB05 | 1.0 | 0845 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| CCV | 1.0 | 0846 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| CCB | 1.0 | 0847 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| SB03 | 1.0 | 0849 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| SB04 | 1.0 | 0850 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| SB09 | 1.0 | 0852 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| SB10 | 1.0 | 0853 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| SB10D | 1.0 | 0854 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| SB10S | 1.0 | 0856 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| SB11 | 1.0 | 0857 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| CRI | 1.0 | 0859 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| CCV | 1.0 | 0900 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| CCB | 1.0 | 0902 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| SB08 | 1.0 | 0903 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| SB02 | 1.0 | 0905 | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0906 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0907 | | | | | | | | | | | | | | | | | | | | | | | | | | | |



USEPA - CLP
13-IN
ANALYSIS RUN LOG

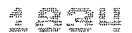
Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: FIMS1 Analysis Method: CV
 Start Date: 07/27/2007 End Date: 07/27/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-----|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|--------|--------|--|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| ZZZZZZ | 1.0 | 0909 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0910 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0912 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0913 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.0 | 0914 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| CCB | 1.0 | 0916 | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0917 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0919 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0920 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0922 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRI | 1.0 | 0923 | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | |
| CCV | 1.0 | 0924 | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | |
| CCB | 1.0 | 0926 | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | |

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: FIMS1 Analysis Method: CV
 Start Date: 07/27/2007 End Date: 07/27/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|--------|--------|--|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| S0 | 1.0 | 1111 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| S0.2 | 1.0 | 1113 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| S1.0 | 1.0 | 1114 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| S2.0 | 1.0 | 1116 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| S5.0 | 1.0 | 1117 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| S10.0 | 1.0 | 1118 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| ICV | 1.0 | 1120 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| ICB | 1.0 | 1121 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| CRI | 1.0 | 1123 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| CCV | 1.0 | 1124 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| CCB | 1.0 | 1125 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| PBW | 1.0 | 1127 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| SB07W | 5.0 | 1128 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| SB03W | 1.0 | 1130 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| SB03/D | 1.0 | 1131 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| SB04W | 5.0 | 1133 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| CCV | 1.0 | 1134 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| CCB | 1.0 | 1135 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| SB04WD | 5.0 | 1137 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| SB04WS | 5.0 | 1138 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| SB10W | 1.0 | 1140 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| SB11W | 1.0 | 1141 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| ZZZZZZ | 20.0 | 1143 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 1144 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRI | 1.0 | 1145 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| CCV | 1.0 | 1147 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| CCB | 1.0 | 1148 | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | |



USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: LACHAT1 Analysis Method: AS
 Start Date: 07/20/2007 End Date: 07/20/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|--------|--------|---|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| S0.0 | 1.0 | 1100 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| S0.01 | 1.0 | 1103 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| S0.025 | 1.0 | 1105 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| S0.05 | 1.0 | 1108 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| S0.10 | 1.0 | 1110 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| S0.20 | 1.0 | 1113 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| S0.40 | 1.0 | 1115 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ICV | 1.0 | 1119 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ICB | 1.0 | 1122 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CRA | 1.0 | 1124 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCV | 1.0 | 1127 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCB | 1.0 | 1129 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| MIDRANGE | 1.0 | 1132 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| PBS | 1.0 | 1134 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| LCSS | 10.0 | 1137 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB01 | 1.0 | 1139 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB07 | 1.0 | 1142 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB05 | 1.0 | 1144 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB03 | 1.0 | 1147 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB04 | 1.0 | 1149 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCV | 1.0 | 1152 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCB | 1.0 | 1154 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB09 | 1.0 | 1157 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB10 | 1.0 | 1159 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB10D | 1.0 | 1202 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB10S | 1.0 | 1205 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ZZZZZZ | 1.0 | 1207 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 1210 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 1212 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRA | 1.0 | 1215 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCV | 1.0 | 1217 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCB | 1.0 | 1220 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/02/2007 End Date: 08/02/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|--------|--------|---|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | A A | T L | V | Z N | C N | | | | |
| S0 | 1.0 | 0630 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| S1 | 1.0 | 0634 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| ICV | 1.0 | 0637 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| ICB | 1.0 | 0640 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| CRI | 1.0 | 0643 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| ICSA | 1.0 | 0646 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| ICSAB | 1.0 | 0649 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| CCV | 1.0 | 0653 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| CCB | 1.0 | 0656 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| PBS | 1.0 | 0659 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| PBS | 1.0 | 0703 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| LCSS | 1.0 | 0706 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| SB01 | 1.0 | 0709 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| SB07 | 1.0 | 0713 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| SB05 | 1.0 | 0716 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| SB03 | 1.0 | 0719 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| SB04 | 1.0 | 0722 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| SB09 | 1.0 | 0726 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| SB10 | 1.0 | 0729 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| CCV | 1.0 | 0732 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| CCB | 1.0 | 0735 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| SB10D | 1.0 | 0738 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| SB10S | 1.0 | 0741 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| SB10L | 5.0 | 0745 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| SB10A | 1.0 | 0748 | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB11 | 1.0 | 0751 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| SB08 | 1.0 | 0754 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| SB02 | 1.0 | 0758 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| CRI | 1.0 | 0801 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| ICSA | 1.0 | 0804 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| ICSAB | 1.0 | 0807 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| CCV | 1.0 | 0810 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/02/2007 End Date: 08/02/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-----|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|--------|--------|---|---|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| CCB | 1.0 | 0814 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| PBW | 1.0 | 0817 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| LCSW | 1.0 | 0820 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| SB07W | 1.0 | 0823 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| SB03W | 1.0 | 0826 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| SB03/D | 1.0 | 0829 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| ZZZZZZ | 1.0 | 0833 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB04W | 1.0 | 0837 | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| SB04WD | 1.0 | 0840 | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| SB04WS | 1.0 | 0843 | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| SB04WL | 5.0 | 0846 | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| ZZZZZZ | 1.0 | 0849 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.0 | 0855 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| CCB | 1.0 | 0858 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| SB04WA | 1.0 | 0901 | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB10W | 1.0 | 0904 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| SB11W | 1.0 | 0907 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| ZZZZZZ | 1.0 | 0911 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0914 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.0 | 0917 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRI | 1.0 | 0920 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| ICSA | 1.0 | 0923 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| ICSAB | 1.0 | 0927 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| CCV | 1.0 | 0930 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| CCB | 1.0 | 0933 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/03/2007 End Date: 08/03/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----|------|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|---|-----|-----|--|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| S0 | 1.0 | 0802 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| S1 | 1.0 | 0804 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| ICV | 1.0 | 0807 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| ICB | 1.0 | 0809 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| ICSA | 1.0 | 0811 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| ICSAB | 1.0 | 0814 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| CCV | 1.0 | 0816 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| CCB | 1.0 | 0818 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| PBS | 1.0 | 0821 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| LCSS | 1.0 | 0823 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB01 | 1.0 | 0825 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB07 | 1.0 | 0828 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB05 | 1.0 | 0830 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB03 | 1.0 | 0832 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB04 | 1.0 | 0835 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB09 | 1.0 | 0837 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB10 | 1.0 | 0839 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB10D | 1.0 | 0842 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| CCV | 1.0 | 0844 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| CCB | 1.0 | 0846 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB10L | 5.0 | 0849 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB11 | 1.0 | 0851 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB08 | 1.0 | 0854 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB02 | 1.0 | 0856 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| ZZZZZZ | 1.0 | 0858 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0901 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0903 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ICSA | 1.0 | 0905 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| ICSAB | 1.0 | 0908 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| CCV | 1.0 | 0910 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| CCB | 1.0 | 0912 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| ZZZZZZ | 1.0 | 0915 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/03/2007 End Date: 08/03/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-------|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|--------|--------|--|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| ZZZZZZ | 1.0 | 0917 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0919 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.0 | 0922 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0924 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0927 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0929 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PBW | 1.0 | 0931 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| LCSW | 1.0 | 0934 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| CCV | 1.0 | 0936 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| CCB | 1.0 | 0939 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB07W | 1.0 | 0941 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB03W | 1.0 | 0943 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB03/D | 1.0 | 0946 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB04W | 1.0 | 0948 | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | |
| SB04WD | 1.0 | 0950 | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | |
| SB04WL | 5.0 | 0953 | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | |
| SB10W | 1.0 | 0955 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB11W | 1.0 | 0958 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| ICSA | 1.0 | 1000 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| ICSAB | 1.0 | 1003 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| CCV | 1.0 | 1005 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| CCB | 1.0 | 1007 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| SB04W | 50.0 | 1009 | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| SB04WD | 50.0 | 1012 | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| SB04WL | 250.0 | 1014 | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| ICSA | 1.0 | 1017 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| ICSAB | 1.0 | 1019 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| CCV | 1.0 | 1021 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |
| CCB | 1.0 | 1024 | | | | | | | | | | | | | | | | | X | | | X | | | | | | | | | |

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/03/2007 End Date: 08/03/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|--------|--------|--|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| S0 | 1.0 | 0631 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| S1 | 1.0 | 0634 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| ICV | 1.0 | 0638 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| ICB | 1.0 | 0642 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| CRI | 1.0 | 0645 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| ICSA | 1.0 | 0648 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| ICSAB | 1.0 | 0651 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| CCV | 1.0 | 0654 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| CCB | 1.0 | 0657 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| SB07W | 10.0 | 0700 | | | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| SB04W | 10.0 | 0704 | | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| SB04WD | 10.0 | 0707 | | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| SB04WS | 10.0 | 0710 | | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| SB04WL | 50.0 | 0714 | | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 10.0 | 0717 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 10.0 | 0720 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB03W | 5.0 | 0723 | | | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| SB03/D | 5.0 | 0727 | | | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| CCV | 1.0 | 0730 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| CCB | 1.0 | 0733 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| SB05 | 3.0 | 0736 | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | |
| SB09 | 3.0 | 0739 | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | |
| SB11W | 3.0 | 0743 | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | |
| CRI | 1.0 | 0746 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| ICSA | 1.0 | 0749 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| ICSAB | 1.0 | 0752 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| CCV | 1.0 | 0755 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |
| CCB | 1.0 | 0759 | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | | | |

USEPA - CLP
 13-IN
 ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/03/2007 End Date: 08/03/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|--------|--------|--|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| S0 | 1.0 | 0631 | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | |
| S1 | 1.0 | 0634 | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | |
| ICV | 1.0 | 0638 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| ICB | 1.0 | 0642 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| CRI | 1.0 | 0645 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| ICSA | 1.0 | 0648 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| ICSAB | 1.0 | 0651 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| CCV | 1.0 | 0654 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| CCB | 1.0 | 0657 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0700 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0704 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0707 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0710 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.0 | 0714 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0717 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0720 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB03W | 5.0 | 0723 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| SB03/D | 5.0 | 0727 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| CCV | 1.0 | 0730 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| CCB | 1.0 | 0733 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0736 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0739 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0743 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRI | 1.0 | 0746 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| ICSA | 1.0 | 0749 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| ICSAB | 1.0 | 0752 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| CCV | 1.0 | 0755 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| CCB | 1.0 | 0759 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/03/2007 End Date: 08/03/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|--------|--------|---|---|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| S0 | 1.0 | 0631 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| S1 | 1.0 | 0634 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| ICV | 1.0 | 0638 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| ICB | 1.0 | 0642 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| CRI | 1.0 | 0645 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| ICSA | 1.0 | 0648 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| ICSAB | 1.0 | 0651 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| CCV | 1.0 | 0654 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| CCB | 1.0 | 0657 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| SB07W | 10.0 | 0700 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| SB04W | 10.0 | 0704 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| SB04WD | 10.0 | 0707 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| SB04WS | 10.0 | 0710 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| SB04WL | 50.0 | 0714 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| ZZZZZZ | 10.0 | 0717 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 10.0 | 0720 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0723 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0727 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.0 | 0730 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| CCB | 1.0 | 0733 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| ZZZZZZ | 1.0 | 0736 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0739 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0743 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRI | 1.0 | 0746 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| ICSA | 1.0 | 0749 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| ICSAB | 1.0 | 0752 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| CCV | 1.0 | 0755 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| CCB | 1.0 | 0759 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/03/2007 End Date: 08/04/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----|------|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|---|-----|-----|--|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| S0 | 1.0 | 2207 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| S1 | 1.0 | 2210 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| ICV | 1.0 | 2213 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| ICB | 1.0 | 2217 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| CRI | 1.0 | 2220 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| ICSA | 1.0 | 2223 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| ICSAB | 1.0 | 2226 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| CCV | 1.0 | 2229 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| CCB | 1.0 | 2232 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| PBS | 1.0 | 2236 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| LCSS | 1.0 | 2239 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| SB01 | 1.0 | 2242 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| SB07 | 1.0 | 2245 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| SB05 | 1.0 | 2248 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| SB03 | 1.0 | 2252 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| SB04 | 1.0 | 2255 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| SB09 | 1.0 | 2258 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| SB10 | 1.0 | 2302 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| CCV | 1.0 | 2305 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| CCB | 1.0 | 2308 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| SB10D | 1.0 | 2311 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| SB10S | 1.0 | 2315 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| SB10L | 5.0 | 2318 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| ZZZZZZ | 1.0 | 2321 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB11 | 1.0 | 2324 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| SB08 | 1.0 | 2328 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| SB02 | 1.0 | 2331 | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| CRI | 1.0 | 2334 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| ICSA | 1.0 | 2337 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| ICSAB | 1.0 | 2340 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| CCV | 1.0 | 2344 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |
| CCB | 1.0 | 2347 | | | | | | | | | | | | | X | | | | | | | | | | | | X | | | | |

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/03/2007 End Date: 08/04/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-------|------|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|---|-----|-----|--|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| ZZZZZZ | 1.0 | 2350 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 2353 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 2357 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0006 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0016 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.0 | 0023 | | | | | | | | | | | X | | | | | | | | X | | | | | | | | | | |
| CCB | 1.0 | 0026 | | | | | | | | | | | X | | | | | | | | X | | | | | | | | | | |
| ZZZZZZ | 5.0 | 0029 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0032 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB04W | 50.0 | 0036 | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | |
| SB04WD | 50.0 | 0039 | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | |
| SB04WS | 50.0 | 0042 | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | |
| SB04WL | 250.0 | 0045 | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | |
| CRI | 1.0 | 0048 | | | | | | | | | | | X | | | | | | | | | X | | | | | | | | | |
| ICSA | 1.0 | 0051 | | | | | | | | | | | X | | | | | | | | | X | | | | | | | | | |
| ICSAB | 1.0 | 0055 | | | | | | | | | | | X | | | | | | | | | X | | | | | | | | | |
| CCV | 1.0 | 0058 | | | | | | | | | | | X | | | | | | | | | X | | | | | | | | | |
| CCB | 1.0 | 0101 | | | | | | | | | | | X | | | | | | | | | X | | | | | | | | | |
| PBW | 1.0 | 0104 | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | |
| LCSW | 1.0 | 0107 | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | |
| SB07W | 1.0 | 0110 | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | |
| ZZZZZZ | 1.0 | 0114 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0117 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB10W | 1.0 | 0120 | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | |
| SB11W | 1.0 | 0124 | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | |
| ZZZZZZ | 1.0 | 0127 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0130 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/03/2007 End Date: 08/04/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-----|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|--------|--------|---|---|--|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | | | |
| CCV | 1.0 | 0133 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| CCB | 1.0 | 0136 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| SB04W | 1.0 | 0139 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | |
| SB04WD | 1.0 | 0142 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | |
| SB04WS | 1.0 | 0145 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | |
| SB04WL | 5.0 | 0148 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | |
| ZZZZZZ | 1.0 | 0151 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0154 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0157 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRI | 1.0 | 0201 | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| ICSA | 1.0 | 0204 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | |
| ICSAB | 1.0 | 0207 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | |
| CCV | 1.0 | 0210 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | |
| CCB | 1.0 | 0213 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | |



USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/06/2007 End Date: 08/06/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------|------|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|---|-----|-----|---|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| SO | 1.0 | 1018 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| S1 | 1.0 | 1022 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ICV | 1.0 | 1025 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ICB | 1.0 | 1028 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CRI | 1.0 | 1032 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ICSA | 1.0 | 1035 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ICSAB | 1.0 | 1038 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCV | 1.0 | 1041 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCB | 1.0 | 1045 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| PBS | 1.0 | 1048 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| LCSS | 1.0 | 1051 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB01 | 5.0 | 1054 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB07 | 5.0 | 1057 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB05 | 1.0 | 1100 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB03 | 5.0 | 1104 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB04 | 10.0 | 1107 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB09 | 5.0 | 1110 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB10 | 1.0 | 1113 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCV | 1.0 | 1116 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCB | 1.0 | 1119 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB10D | 1.0 | 1123 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB10S | 1.0 | 1126 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB10L | 5.0 | 1130 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ZZZZZZ | 1.0 | 1133 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB11 | 1.0 | 1136 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB08 | 1.0 | 1139 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB02 | 10.0 | 1142 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CRI | 1.0 | 1146 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ICSA | 1.0 | 1149 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ICSAB | 1.0 | 1152 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCV | 1.0 | 1155 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCB | 1.0 | 1158 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |



USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/06/2007 End Date: 08/06/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-------|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|--------|--------|--|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| ZZZZZZ | 1.0 | 1202 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 1205 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 1208 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.0 | 1212 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 1215 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 1218 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 1221 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 1225 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 1228 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 1231 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.0 | 1234 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| CCB | 1.0 | 1238 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.0 | 1241 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 1244 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PBW | 1.0 | 1248 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| LCSW | 1.0 | 1251 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| SB07W | 100.0 | 1255 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| SB03W | 20.0 | 1258 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| SB03/D | 20.0 | 1301 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| CRI | 1.0 | 1304 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| ICSA | 1.0 | 1307 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| ICSAB | 1.0 | 1310 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| CCV | 1.0 | 1313 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| CCB | 1.0 | 1317 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| SB04W | 100.0 | 1320 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| SB04WS | 100.0 | 1323 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| SB04WD | 100.0 | 1327 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| SB04WL | 500.0 | 1330 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| SB10W | 1.0 | 1333 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| SB11W | 1.0 | 1336 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 100.0 | 1340 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.0 | 1343 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/06/2007 End Date: 08/06/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------|------|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|---|-----|-----|--|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| ZZZZZZ | 25.0 | 1346 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.0 | 1349 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCB | 1.0 | 1353 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.0 | 1356 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.0 | 1359 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.0 | 1403 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.0 | 1406 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRI | 1.0 | 1409 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ICSA | 1.0 | 1412 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ICSAB | 1.0 | 1415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.0 | 1418 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCB | 1.0 | 1421 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/13/2007 End Date: 08/13/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|--------|--------|---|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| S0 | 1.0 | 0629 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| S1 | 1.0 | 0633 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ICV | 1.0 | 0636 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ICB | 1.0 | 0639 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CRI | 1.0 | 0643 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ICSA | 1.0 | 0646 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ICSAB | 1.0 | 0649 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCV | 1.0 | 0653 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCB | 1.0 | 0656 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| PBW | 1.0 | 0659 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| LCSW | 1.0 | 0703 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ZZZZZZ | 1.0 | 0706 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0709 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0712 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.0 | 0715 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0718 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0722 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.0 | 0726 | | | | | | | | | | | | | | | X | | | | | | | | | | | X | | | |
| CCB | 1.0 | 0729 | | | | | | | | | | | | | | | X | | | | | | | | | | | X | | | |
| ZZZZZZ | 1.0 | 0733 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0735 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.0 | 0738 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0741 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0745 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.0 | 0749 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRI | 1.0 | 0758 | | | | | | | | | | | | | | | X | | | | | | | | | | | X | | | |
| ICSA | 1.0 | 0801 | | | | | | | | | | | | | | | X | | | | | | | | | | | X | | | |
| ICSAB | 1.0 | 0804 | | | | | | | | | | | | | | | X | | | | | | | | | | | X | | | |
| CCV | 1.0 | 0807 | | | | | | | | | | | | | | | X | | | | | | | | | | | X | | | |
| CCB | 1.0 | 0810 | | | | | | | | | | | | | | | X | | | | | | | | | | | X | | | |
| ZZZZZZ | 1.0 | 0814 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB03W | 1.0 | 0817 | | | | | | | | | | | | | | | X | | | | | | | | | | | X | | | |

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: _____
 Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0936
 Instrument ID: OPTIMA3 Analysis Method: P
 Start Date: 08/13/2007 End Date: 08/13/2007

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-----|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|--------|--------|---|--|--|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C O | C R | C U | F E | P B | M G | M N | H G | N I | K | S E | A G | N A | T L | V | Z N | C N | | | | |
| SB03/D | 1.0 | 0820 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB10W | 1.0 | 0824 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| SB11W | 1.0 | 0827 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ZZZZZZ | 1.0 | 0830 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRI | 1.0 | 0836 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ICSA | 1.0 | 0839 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| ICSAB | 1.0 | 0842 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCV | 1.0 | 0846 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| CCB | 1.0 | 0849 | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | |



Instrument Raw Data

- ICP
- Mercury
- Cyanide

Reprocessing Begun

Logged In Analyst: optima3

Technique: ICP Continuous

Results Data Set (original): B07080201

Results Library (original): C:\pe\Administrator\Results\Results.mdb

Results Data Set (reprocessed): B07080201A

Results Library (reprocessed): C:\pe\Administrator\Results\Results.mdb

Sequence No.: 1

Sample ID: S0

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 1

Date Collected: 8/2/2007 6:30:39 AM

Data Type: Reprocessed on 8/2/2007 10:40:34 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: S0

| Analyte | Mean Corrected | | | Calib | |
|------------|----------------|----------|---------|--------|-------|
| | Intensity | Std.Dev. | RSD | Conc. | Units |
| Ag 328.068 | -21.6 | 55.33 | 256.39% | [0.00] | mg/L |
| Al 308.215 | 4857.7 | 58.77 | 1.21% | [0.00] | mg/L |
| As 188.979 | 0.6 | 0.28 | 47.90% | [0.00] | mg/L |
| Ba 233.527 | -22.3 | 2.93 | 13.13% | [0.00] | mg/L |
| Be 313.107 | -1508.0 | 44.82 | 2.97% | [0.00] | mg/L |
| Co 228.616 | -7.4 | 0.79 | 10.68% | [0.00] | mg/L |
| Cr 267.716 | -18.7 | 2.42 | 12.94% | [0.00] | mg/L |
| Cu 324.752 | 785.7 | 9.10 | 1.16% | [0.00] | mg/L |
| Fe 273.955 | -108.2 | 6.26 | 5.79% | [0.00] | mg/L |
| Mg 279.077 | -172.4 | 55.23 | 32.03% | [0.00] | mg/L |
| Mn 257.610 | 59.5 | 2.40 | 4.04% | [0.00] | mg/L |
| Ni 231.604 | -5.8 | 1.27 | 21.95% | [0.00] | mg/L |
| Pb 220.353 | 40.0 | 3.88 | 9.69% | [0.00] | mg/L |
| Sb 206.836 | 11.5 | 0.84 | 7.27% | [0.00] | mg/L |
| Se 196.026 | 0.2 | 1.33 | 769.52% | [0.00] | mg/L |
| Tl 190.801 | -4.0 | 0.45 | 11.40% | [0.00] | mg/L |
| V 292.402 | -36.2 | 37.75 | 104.20% | [0.00] | mg/L |
| Zn 206.200 | 171.3 | 4.40 | 2.57% | [0.00] | mg/L |
| Na 330.237 | -85.6 | 170.12 | 198.82% | [0.00] | mg/L |
| Cd 226.502 | -27.3 | 1.10 | 4.03% | [0.00] | mg/L |
| Ti 334.940 | -75.1 | 5.40 | 7.20% | [0.00] | mg/L |
| Ca 227.546 | 68.8 | 2.79 | 4.05% | [0.00] | mg/L |

Sequence No.: 2

Sample ID: S1

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 9

Date Collected: 8/2/2007 6:34:01 AM

Data Type: Reprocessed on 8/2/2007 10:40:35 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: S1

| Analyte | Mean Corrected | | | Calib | |
|------------|----------------|----------|-------|-------|-------|
| | Intensity | Std.Dev. | RSD | Conc. | Units |
| Ag 328.068 | 344659.0 | 1425.22 | 0.41% | [2.5] | mg/L |
| Al 308.215 | 696751.3 | 2775.64 | 0.40% | [20] | mg/L |
| As 188.979 | 822.8 | 2.40 | 0.29% | [1] | mg/L |
| Ba 233.527 | 1982259.1 | 9210.52 | 0.46% | [20] | mg/L |
| Be 313.107 | 1188132.8 | 4667.37 | 0.39% | [0.5] | mg/L |
| Co 228.616 | 138483.4 | 405.09 | 0.29% | [5] | mg/L |
| Cr 267.716 | 101170.8 | 1000.36 | 0.99% | [2] | mg/L |
| Cu 324.752 | 743151.9 | 4483.95 | 0.60% | [2.5] | mg/L |
| Fe 273.955 | 354635.2 | 512.69 | 0.14% | [10] | mg/L |
| Mg 279.077 | 1278337.8 | 4818.05 | 0.38% | [50] | mg/L |
| Mn 257.610 | 3214077.1 | 11901.04 | 0.37% | [5] | mg/L |
| Ni 231.604 | 107577.3 | 802.30 | 0.75% | [5] | mg/L |
| Pb 220.353 | 5189.3 | 15.61 | 0.30% | [1] | mg/L |
| Sb 206.836 | 1084.8 | 7.51 | 0.69% | [1] | mg/L |

| | | | | | |
|------------|----------|---------|-------|-------|------|
| Se 196.026 | 702.8 | 0.79 | 0.11% | [1] | mg/L |
| Tl 190.801 | 1337.7 | 5.04 | 0.38% | [1] | mg/L |
| V 292.402 | 523490.1 | 1779.17 | 0.34% | [5] | mg/L |
| Zn 206.200 | 128419.3 | 504.99 | 0.39% | [5] | mg/L |
| Na 330.237 | 74527.7 | 378.17 | 0.51% | [50] | mg/L |
| Cd 226.502 | 23872.9 | 16.64 | 0.07% | [0.5] | mg/L |
| Ti 334.940 | 904382.8 | 4394.85 | 0.49% | [1] | mg/L |
| Ca 227.546 | 13310.1 | 13.29 | 0.10% | [50] | mg/L |

Calibration Summary

| Analyte | Stds. | Equation | Intercept | Slope | Curvature | Corr. Coef. | Reslope |
|------------|-------|------------|-----------|---------|-----------|-------------|---------|
| Ag 328.068 | 1 | Lin Thru 0 | 0.0 | 137900 | 0.00000 | 1.000000 | |
| Al 308.215 | 1 | Lin Thru 0 | 0.0 | 34840 | 0.00000 | 1.000000 | |
| As 188.979 | 1 | Lin Thru 0 | 0.0 | 822.8 | 0.00000 | 1.000000 | |
| Ba 233.527 | 1 | Lin Thru 0 | 0.0 | 99110 | 0.00000 | 1.000000 | |
| Be 313.107 | 1 | Lin Thru 0 | 0.0 | 2376000 | 0.00000 | 1.000000 | |
| Co 228.616 | 1 | Lin Thru 0 | 0.0 | 27700 | 0.00000 | 1.000000 | |
| Cr 267.716 | 1 | Lin Thru 0 | 0.0 | 50590 | 0.00000 | 1.000000 | |
| Cu 324.752 | 1 | Lin Thru 0 | 0.0 | 297300 | 0.00000 | 1.000000 | |
| Fe 273.955 | 1 | Lin Thru 0 | 0.0 | 35460 | 0.00000 | 1.000000 | |
| Mg 279.077 | 1 | Lin Thru 0 | 0.0 | 25570 | 0.00000 | 1.000000 | |
| Mn 257.610 | 1 | Lin Thru 0 | 0.0 | 642800 | 0.00000 | 1.000000 | |
| Ni 231.604 | 1 | Lin Thru 0 | 0.0 | 21520 | 0.00000 | 1.000000 | |
| Pb 220.353 | 1 | Lin Thru 0 | 0.0 | 5189 | 0.00000 | 1.000000 | |
| Sb 206.836 | 1 | Lin Thru 0 | 0.0 | 1085 | 0.00000 | 1.000000 | |
| Se 196.026 | 1 | Lin Thru 0 | 0.0 | 702.8 | 0.00000 | 1.000000 | |
| Tl 190.801 | 1 | Lin Thru 0 | 0.0 | 1338 | 0.00000 | 1.000000 | |
| V 292.402 | 1 | Lin Thru 0 | 0.0 | 104700 | 0.00000 | 1.000000 | |
| Zn 206.200 | 1 | Lin Thru 0 | 0.0 | 25680 | 0.00000 | 1.000000 | |
| Na 330.237 | 1 | Lin Thru 0 | 0.0 | 1491 | 0.00000 | 1.000000 | |
| Cd 226.502 | 1 | Lin Thru 0 | 0.0 | 47750 | 0.00000 | 1.000000 | |
| Ti 334.940 | 1 | Lin Thru 0 | 0.0 | 904400 | 0.00000 | 1.000000 | |
| Ca 227.546 | 1 | Lin Thru 0 | 0.0 | 266.2 | 0.00000 | 1.000000 | |

Sequence No.: 3

Sample ID: ICV

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 10

Date Collected: 8/2/2007 6:37:15 AM

Data Type: Reprocessed on 8/2/2007 10:40:36 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICV

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Ag 328.068 | 251068.0 | 1.7758 | mg/L | 0.01325 | 1.7758 | mg/L | 0.75% |
| Al 308.215 | 506712.2 | 14.516 | mg/L | 0.0828 | 14.516 | mg/L | 0.57% |
| As 188.979 | 613.3 | 0.7673 | mg/L | 0.00086 | 0.7673 | mg/L | 0.11% |
| Ba 233.527 | 1503022.5 | 15.169 | mg/L | 0.0352 | 15.169 | mg/L | 0.23% |
| Be 313.107 | 875855.4 | 0.3687 | mg/L | 0.00298 | 0.3687 | mg/L | 0.81% |
| Co 228.616 | 103289.9 | 3.7314 | mg/L | 0.01461 | 3.7314 | mg/L | 0.39% |
| Cr 267.716 | 75706.4 | 1.4956 | mg/L | 0.00583 | 1.4956 | mg/L | 0.39% |
| Cu 324.752 | 543443.0 | 1.8294 | mg/L | 0.00242 | 1.8294 | mg/L | 0.13% |
| Fe 273.955 | 263271.3 | 7.6819 | mg/L | 0.01759 | 7.6819 | mg/L | 0.23% |
| Mg 279.077 | 941441.2 | 36.867 | mg/L | 0.2097 | 36.867 | mg/L | 0.57% |
| Mn 257.610 | 2388662.7 | 3.7161 | mg/L | 0.02624 | 3.7161 | mg/L | 0.71% |
| Ni 231.604 | 80069.7 | 3.7221 | mg/L | 0.00747 | 3.7221 | mg/L | 0.20% |
| Pb 220.353 | 3835.7 | 0.7401 | mg/L | 0.00019 | 0.7401 | mg/L | 0.03% |
| Sb 206.836 | 838.8 | 0.7290 | mg/L | 0.00442 | 0.7290 | mg/L | 0.61% |
| Se 196.026 | 515.0 | 0.7324 | mg/L | 0.00933 | 0.7324 | mg/L | 1.27% |
| Tl 190.801 | 999.9 | 0.7509 | mg/L | 0.00130 | 0.7509 | mg/L | 0.17% |
| V 292.402 | 389483.7 | 3.7230 | mg/L | 0.04099 | 3.7230 | mg/L | 1.10% |
| Zn 206.200 | 96154.2 | 3.7516 | mg/L | 0.00560 | 3.7516 | mg/L | 0.15% |
| Na 330.237 | 53555.3 | 35.836 | mg/L | 0.0581 | 35.836 | mg/L | 0.16% |
| Cd 226.502 | 17714.3 | 0.3723 | mg/L | 0.00176 | 0.3723 | mg/L | 0.47% |
| Ti 334.940 | 778.9 | 0.0011 | mg/L | 0.00003 | 0.0011 | mg/L | 2.89% |
| Ca 227.546 | 9891.1 | 36.753 | mg/L | 0.0374 | 36.753 | mg/L | 0.10% |

Sequence No.: 4
 Sample ID: ICB
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 4
 Date Collected: 8/2/2007 6:40:29 AM
 Data Type: Reprocessed on 8/2/2007 10:40:36 AM
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: ICB

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | 581.1 | 0.0042 mg/L | 0.00001 | 0.0042 mg/L | 0.00001 | 0.34% |
| Al 308.215 | 0.6 | 0.0000 mg/L | 0.00002 | 0.0000 mg/L | 0.00002 | 115.45% |
| As 188.979 | 1.0 | 0.0012 mg/L | 0.00135 | 0.0012 mg/L | 0.00135 | 113.63% |
| Ba 233.527 | 117.1 | 0.0012 mg/L | 0.00021 | 0.0012 mg/L | 0.00021 | 18.08% |
| Be 313.107 | 112.0 | 0.0000 mg/L | 0.00001 | 0.0000 mg/L | 0.00001 | 15.34% |
| Co 228.616 | 14.8 | 0.0005 mg/L | 0.00001 | 0.0005 mg/L | 0.00001 | 2.59% |
| Cr 267.716 | 5.0 | 0.0001 mg/L | 0.00005 | 0.0001 mg/L | 0.00005 | 51.02% |
| Cu 324.752 | 120.3 | 0.0004 mg/L | 0.00003 | 0.0004 mg/L | 0.00003 | 7.73% |
| Fe 273.955 | 56.6 | 0.0016 mg/L | 0.00233 | 0.0016 mg/L | 0.00233 | 147.71% |
| Mg 279.077 | 93.9 | 0.0037 mg/L | 0.00142 | 0.0037 mg/L | 0.00142 | 38.76% |
| Mn 257.610 | 188.2 | 0.0003 mg/L | 0.00010 | 0.0003 mg/L | 0.00010 | 35.20% |
| Ni 231.604 | 6.8 | 0.0003 mg/L | 0.00033 | 0.0003 mg/L | 0.00033 | 103.99% |
| Pb 220.353 | 0.8 | 0.0002 mg/L | 0.00013 | 0.0002 mg/L | 0.00013 | 77.94% |
| Sb 206.836 | -2.5 | -0.0023 mg/L | 0.00090 | -0.0023 mg/L | 0.00090 | 38.94% |
| Se 196.026 | 2.1 | 0.0030 mg/L | 0.00211 | 0.0030 mg/L | 0.00211 | 69.92% |
| Tl 190.801 | 0.5 | 0.0003 mg/L | 0.00257 | 0.0003 mg/L | 0.00257 | 743.15% |
| V 292.402 | 41.9 | 0.0004 mg/L | 0.00023 | 0.0004 mg/L | 0.00023 | 57.44% |
| Zn 206.200 | 39.4 | 0.0015 mg/L | 0.00029 | 0.0015 mg/L | 0.00029 | 18.69% |
| Na 330.237 | -118.0 | -0.0792 mg/L | 0.01270 | -0.0792 mg/L | 0.01270 | 16.04% |
| Cd 226.502 | 5.4 | 0.0001 mg/L | 0.00004 | 0.0001 mg/L | 0.00004 | 38.95% |
| Ti 334.940 | 1.7 | 0.0000 mg/L | 0.00003 | 0.0000 mg/L | 0.00003 | >999.9% |
| Ca 227.546 | -1.6 | -0.0060 mg/L | 0.00889 | -0.0060 mg/L | 0.00889 | 147.16% |

Sequence No.: 5
 Sample ID: CRI
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 7
 Date Collected: 8/2/2007 6:43:35 AM
 Data Type: Reprocessed on 8/2/2007 10:40:37 AM
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: CRI

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | 1941.3 | 0.0138 mg/L X | 0.00004 | 0.0138 mg/L | 0.00004 | 0.30% |
| Al 308.215 | 7029.9 | 0.2014 mg/L ✓ | 0.00318 | 0.2014 mg/L | 0.00318 | 1.58% |
| As 188.979 | 9.0 | 0.0111 mg/L ✓ | 0.00008 | 0.0111 mg/L | 0.00008 | 0.74% |
| Ba 233.527 | 22542.7 | 0.2275 mg/L ✓ | 0.00271 | 0.2275 mg/L | 0.00271 | 1.19% |
| Be 313.107 | 12317.5 | 0.0052 mg/L ✓ | 0.00007 | 0.0052 mg/L | 0.00007 | 1.32% |
| Co 228.616 | 1508.0 | 0.0548 mg/L ✓ | 0.00004 | 0.0548 mg/L | 0.00004 | 0.08% |
| Cr 267.716 | 533.5 | 0.0106 mg/L ✓ | 0.00005 | 0.0106 mg/L | 0.00005 | 0.44% |
| Cu 324.752 | 7646.2 | 0.0259 mg/L ✓ | 0.00058 | 0.0259 mg/L | 0.00058 | 2.25% |
| Fe 273.955 | 3802.2 | 0.1334 mg/L | 0.00163 | 0.1334 mg/L | 0.00163 | 1.22% |
| Mg 279.077 | 136334.7 | 5.3327 mg/L ✓ | 0.05101 | 5.3327 mg/L | 0.05101 | 0.96% |
| Mn 257.610 | 10698.0 | 0.0166 mg/L ✓ | 0.00017 | 0.0166 mg/L | 0.00017 | 1.04% |
| Ni 231.604 | 942.0 | 0.0439 mg/L ✓ | 0.00014 | 0.0439 mg/L | 0.00014 | 0.33% |
| Pb 220.353 | 53.8 | 0.0104 mg/L ✓ | 0.00007 | 0.0104 mg/L | 0.00007 | 0.69% |
| Sb 206.836 | 74.6 | 0.0687 mg/L ✓ | 0.00020 | 0.0687 mg/L | 0.00020 | 0.29% |
| Se 196.026 | 26.7 | 0.0376 mg/L ✓ | 0.00659 | 0.0376 mg/L | 0.00659 | 17.50% |
| Tl 190.801 | 37.9 | 0.0284 mg/L ✓ | 0.00105 | 0.0284 mg/L | 0.00105 | 3.70% |
| V 292.402 | 5592.5 | 0.0534 mg/L ✓ | 0.00061 | 0.0534 mg/L | 0.00061 | 1.13% |
| Zn 206.200 | 1702.3 | 0.0664 mg/L ✓ | 0.00021 | 0.0664 mg/L | 0.00021 | 0.32% |
| Na 330.237 | 6035.5 | 4.0389 mg/L | 0.10049 | 4.0389 mg/L | 0.10049 | 2.49% |
| Cd 226.502 | 266.7 | 0.0056 mg/L ✓ | 0.00002 | 0.0056 mg/L | 0.00002 | 0.33% |
| Ti 334.940 | -70.8 | 0.0000 mg/L | 0.00005 | 0.0000 mg/L | 0.00005 | 241.14% |
| Ca 227.546 | 1320.8 | 4.9557 mg/L ✓ | 0.04504 | 4.9557 mg/L | 0.04504 | 0.91% |

Sequence No.: 6
 Sample ID: ICSA
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 5
 Date Collected: 8/2/2007 6:46:39 AM
 Data Type: Reprocessed on 8/2/2007 10:40:37 AM

Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: ICSA

| Analyte | Mean Corrected Intensity | Conc. | Calib Units | Std.Dev. | Conc. | Sample Units | Std.Dev. | RSD |
|--|--------------------------|---------|-------------|----------|---------|--------------|----------|---------|
| Ag 328.068 | 83.5 | -0.0009 | mg/L | 0.00004 | -0.0009 | mg/L | 0.00004 | 4.25% |
| Al 308.215 | 15628397.0 | 448.61 | mg/L ✓ | 0.214 | 448.61 | mg/L | 0.214 | 0.05% |
| As 188.979 | -12.4 | -0.0050 | mg/L | 0.00010 | -0.0050 | mg/L | 0.00010 | 2.07% |
| Ba 233.527 | 272.1 | 0.0016 | mg/L | 0.00011 | 0.0016 | mg/L | 0.00011 | 7.20% |
| Be 313.107 | 126.8 | 0.0000 | mg/L | 0.00000 | 0.0000 | mg/L | 0.00000 | 9.24% |
| Co 228.616 | 94.9 | 0.0336 | mg/L ✓ | 0.00003 | 0.0336 | mg/L | 0.00003 | 0.09% |
| Cr 267.716 | -138.6 | -0.0079 | mg/L | 0.00003 | -0.0079 | mg/L | 0.00003 | 0.32% |
| Cu 324.752 | -4869.8 | -0.0036 | mg/L | 0.00028 | -0.0036 | mg/L | 0.00028 | 7.72% |
| Fe 273.955 | 5882460.6 | 170.47 | mg/L ✓ | 0.254 | 170.47 | mg/L | 0.254 | 0.15% |
| Mg 279.077 | 11043032.0 | 431.85 | mg/L ✓ | 0.744 | 431.85 | mg/L | 0.744 | 0.17% |
| Mn 257.610 | 1284.1 | 0.0020 | mg/L | 0.00002 | 0.0020 | mg/L | 0.00002 | 1.01% |
| Saturated outside survey window (code 6) | | | | | | | | |
| Ni 231.604 | 42.0 | 0.0239 | mg/L ✓ | 0.00017 | 0.0239 | mg/L | 0.00017 | 0.71% |
| Pb 220.353 | -155.0 | 0.0025 | mg/L | 0.00019 | 0.0025 | mg/L | 0.00019 | 7.55% |
| Sb 206.836 | -13.9 | -0.0072 | mg/L | 0.00526 | -0.0072 | mg/L | 0.00526 | 73.28% |
| Se 196.026 | -29.0 | -0.0029 | mg/L | 0.01519 | -0.0029 | mg/L | 0.01519 | 528.28% |
| Tl 190.801 | -14.7 | 0.0034 | mg/L | 0.00071 | 0.0034 | mg/L | 0.00071 | 21.22% |
| V 292.402 | -461.4 | -0.0016 | mg/L | 0.00000 | -0.0016 | mg/L | 0.00000 | 0.01% |
| Zn 206.200 | 255.6 | 0.0048 | mg/L | 0.00009 | 0.0048 | mg/L | 0.00009 | 1.82% |
| Na 330.237 | 583.5 | -0.3982 | mg/L | 0.15174 | -0.3982 | mg/L | 0.15174 | 38.11% |
| Cd 226.502 | 452.7 | 0.0004 | mg/L | 0.00010 | 0.0004 | mg/L | 0.00010 | 27.15% |
| Ti 334.940 | -4992.4 | 0.0002 | mg/L | 0.00006 | 0.0002 | mg/L | 0.00006 | 25.22% |
| Ca 227.546 | 127987.8 | 477.20 | mg/L ✓ | 1.966 | 477.20 | mg/L | 1.966 | 0.41% |

Sequence No.: 7
 Sample ID: ICSAB
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 6
 Date Collected: 8/2/2007 6:49:54 AM
 Data Type: Reprocessed on 8/2/2007 10:40:38 AM

Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: ICSAB

| Analyte | Mean Corrected Intensity | Conc. | Calib Units | Std.Dev. | Conc. | Sample Units | Std.Dev. | RSD |
|------------|--------------------------|--------|-------------|----------|--------|--------------|----------|--------|
| Ag 328.068 | 26789.9 | 0.1883 | mg/L ✓ | 0.00379 | 0.1883 | mg/L | 0.00379 | 2.01% |
| Al 308.215 | 15478141.4 | 444.29 | mg/L ✓ | 0.468 | 444.29 | mg/L | 0.468 | 0.11% |
| As 188.979 | 63.3 | 0.0936 | mg/L ✓ | 0.00028 | 0.0936 | mg/L | 0.00028 | 0.30% |
| Ba 233.527 | 47349.5 | 0.4771 | mg/L ✓ | 0.00390 | 0.4771 | mg/L | 0.00390 | 0.82% |
| Be 313.107 | 1039508.0 | 0.4375 | mg/L ✓ | 0.00578 | 0.4375 | mg/L | 0.00578 | 1.32% |
| Co 228.616 | 11301.0 | 0.4388 | mg/L ✓ | 0.00169 | 0.4388 | mg/L | 0.00169 | 0.39% |
| Cr 267.716 | 22074.4 | 0.4312 | mg/L ✓ | 0.00779 | 0.4312 | mg/L | 0.00779 | 1.81% |
| Cu 324.752 | 136363.3 | 0.4718 | mg/L ✓ | 0.00397 | 0.4718 | mg/L | 0.00397 | 0.84% |
| Fe 273.955 | 5841820.4 | 169.34 | mg/L ✓ | 0.198 | 169.34 | mg/L | 0.198 | 0.12% |
| Mg 279.077 | 10938704.1 | 427.78 | mg/L ✓ | 0.510 | 427.78 | mg/L | 0.510 | 0.12% |
| Mn 257.610 | 289446.0 | 0.4503 | mg/L ✓ | 0.00377 | 0.4503 | mg/L | 0.00377 | 0.84% |
| Ni 231.604 | 17275.6 | 0.8249 | mg/L ✓ | 0.00305 | 0.8249 | mg/L | 0.00305 | 0.37% |
| Pb 220.353 | 73.3 | 0.0463 | mg/L ✓ | 0.00264 | 0.0463 | mg/L | 0.00264 | 5.69% |
| Sb 206.836 | 633.3 | 0.5754 | mg/L ✓ | 0.00353 | 0.5754 | mg/L | 0.00353 | 0.61% |
| Se 196.026 | 3.7 | 0.0426 | mg/L ✓ | 0.00677 | 0.0426 | mg/L | 0.00677 | 15.89% |
| Tl 190.801 | 99.2 | 0.0887 | mg/L ✓ | 0.00631 | 0.0887 | mg/L | 0.00631 | 7.12% |
| V 292.402 | 46212.5 | 0.4450 | mg/L ✓ | 0.00695 | 0.4450 | mg/L | 0.00695 | 1.56% |
| Zn 206.200 | 21696.5 | 0.8419 | mg/L ✓ | 0.00988 | 0.8419 | mg/L | 0.00988 | 1.17% |
| Na 330.237 | 1562.7 | 0.2334 | mg/L ✓ | 0.03445 | 0.2334 | mg/L | 0.03445 | 14.76% |
| Cd 226.502 | 41315.1 | 0.8566 | mg/L ✓ | 0.00940 | 0.8566 | mg/L | 0.00940 | 1.10% |
| Ti 334.940 | -5031.1 | 0.0002 | mg/L | 0.00000 | 0.0002 | mg/L | 0.00000 | 0.23% |
| Ca 227.546 | 130488.5 | 486.57 | mg/L ✓ | 3.834 | 486.57 | mg/L | 3.834 | 0.79% |

Sequence No.: 8
 Sample ID: CCV
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 3
 Date Collected: 8/2/2007 6:53:07 AM
 Data Type: Reprocessed on 8/2/2007 10:40:38 AM
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Ag 328.068 | 171585.1 | 1.2139 mg/L | 0.02369 | 1.2139 mg/L | 0.02369 | 1.95% |
| Al 308.215 | 346602.1 | 9.9295 mg/L | 0.11284 | 9.9295 mg/L | 0.11284 | 1.14% |
| As 188.979 | 418.9 | 0.5242 mg/L | 0.00860 | 0.5242 mg/L | 0.00860 | 1.64% |
| Ba 233.527 | 1038073.5 | 10.477 mg/L | 0.0727 | 10.477 mg/L | 0.0727 | 0.69% |
| Be 313.107 | 594505.5 | 0.2503 mg/L | 0.00037 | 0.2503 mg/L | 0.00037 | 0.15% |
| Co 228.616 | 71329.0 | 2.5768 mg/L | 0.03780 | 2.5768 mg/L | 0.03780 | 1.47% |
| Cr 267.716 | 52199.0 | 1.0312 mg/L | 0.02063 | 1.0312 mg/L | 0.02063 | 2.00% |
| Cu 324.752 | 369621.3 | 1.2442 mg/L | 0.01092 | 1.2442 mg/L | 0.01092 | 0.88% |
| Fe 273.955 | 183572.5 | 5.3528 mg/L | 0.06342 | 5.3528 mg/L | 0.06342 | 1.18% |
| Mg 279.077 | 646987.3 | 25.336 mg/L | 0.1598 | 25.336 mg/L | 0.1598 | 0.63% |
| Mn 257.610 | 1636308.3 | 2.5456 mg/L | 0.01524 | 2.5456 mg/L | 0.01524 | 0.60% |
| Ni 231.604 | 55560.5 | 2.5828 mg/L | 0.04450 | 2.5828 mg/L | 0.04450 | 1.72% |
| Pb 220.353 | 2627.6 | 0.5070 mg/L | 0.00354 | 0.5070 mg/L | 0.00354 | 0.70% |
| Sb 206.836 | 564.6 | 0.4899 mg/L | 0.00158 | 0.4899 mg/L | 0.00158 | 0.32% |
| Se 196.026 | 353.7 | 0.5031 mg/L | 0.00276 | 0.5031 mg/L | 0.00276 | 0.55% |
| Tl 190.801 | 682.5 | 0.5126 mg/L | 0.00306 | 0.5126 mg/L | 0.00306 | 0.60% |
| V 292.402 | 263432.0 | 2.5181 mg/L | 0.01131 | 2.5181 mg/L | 0.01131 | 0.45% |
| Zn 206.200 | 66967.1 | 2.6128 mg/L | 0.04584 | 2.6128 mg/L | 0.04584 | 1.75% |
| Na 330.237 | 35369.3 | 23.665 mg/L | 0.3197 | 23.665 mg/L | 0.3197 | 1.35% |
| Cd 226.502 | 12198.2 | 0.2564 mg/L | 0.00433 | 0.2564 mg/L | 0.00433 | 1.69% |
| Ti 334.940 | 519.0 | 0.0008 mg/L | 0.00005 | 0.0008 mg/L | 0.00005 | 6.15% |
| Ca 227.546 | 6745.0 | 25.059 mg/L | 0.0386 | 25.059 mg/L | 0.0386 | 0.15% |

Sequence No.: 9
 Sample ID: CCB
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 4
 Date Collected: 8/2/2007 6:56:19 AM
 Data Type: Reprocessed on 8/2/2007 10:40:39 AM
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | -4.0 | 0.0000 mg/L | 0.00035 | 0.0000 mg/L | 0.00035 | >999.9% |
| Al 308.215 | 452.2 | 0.0130 mg/L | 0.00132 | 0.0130 mg/L | 0.00132 | 10.19% |
| As 188.979 | -3.8 | -0.0046 mg/L | 0.00044 | -0.0046 mg/L | 0.00044 | 9.68% |
| Ba 233.527 | 115.2 | 0.0012 mg/L | 0.00013 | 0.0012 mg/L | 0.00013 | 11.18% |
| Be 313.107 | 86.2 | 0.0000 mg/L | 0.00002 | 0.0000 mg/L | 0.00002 | 48.10% |
| Co 228.616 | 15.1 | 0.0005 mg/L | 0.00016 | 0.0005 mg/L | 0.00016 | 29.07% |
| Cr 267.716 | -1.3 | 0.0000 mg/L | 0.00004 | 0.0000 mg/L | 0.00004 | 136.46% |
| Cu 324.752 | 137.8 | 0.0005 mg/L | 0.00003 | 0.0005 mg/L | 0.00003 | 6.43% |
| Fe 273.955 | 218.7 | 0.0061 mg/L | 0.00068 | 0.0061 mg/L | 0.00068 | 11.06% |
| Mg 279.077 | 404.5 | 0.0158 mg/L | 0.00158 | 0.0158 mg/L | 0.00158 | 10.01% |
| Mn 257.610 | 139.5 | 0.0002 mg/L | 0.00003 | 0.0002 mg/L | 0.00003 | 11.76% |
| Ni 231.604 | 6.6 | 0.0003 mg/L | 0.00045 | 0.0003 mg/L | 0.00045 | 147.55% |
| Pb 220.353 | 0.2 | 0.0000 mg/L | 0.00092 | 0.0000 mg/L | 0.00092 | >999.9% |
| Sb 206.836 | -0.1 | -0.0001 mg/L | 0.00015 | -0.0001 mg/L | 0.00015 | 137.39% |
| Se 196.026 | 1.0 | 0.0015 mg/L | 0.00384 | 0.0015 mg/L | 0.00384 | 256.92% |
| Tl 190.801 | -1.2 | -0.0009 mg/L | 0.00105 | -0.0009 mg/L | 0.00105 | 112.79% |
| V 292.402 | 16.0 | 0.0002 mg/L | 0.00005 | 0.0002 mg/L | 0.00005 | 35.91% |
| Zn 206.200 | -4.8 | -0.0002 mg/L | 0.00005 | -0.0002 mg/L | 0.00005 | 26.51% |
| Na 330.237 | -138.3 | -0.0927 mg/L | 0.02933 | -0.0927 mg/L | 0.02933 | 31.63% |
| Cd 226.502 | 8.5 | 0.0002 mg/L | 0.00002 | 0.0002 mg/L | 0.00002 | 12.91% |
| Ti 334.940 | 52.8 | 0.0001 mg/L | 0.00004 | 0.0001 mg/L | 0.00004 | 77.41% |
| Ca 227.546 | -6.9 | -0.0262 mg/L | 0.01186 | -0.0262 mg/L | 0.01186 | 45.32% |

Sequence No.: 10

Autosampler Location: 102

Sample ID: MB-31386,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Date Collected: 8/2/2007 6:59:25 AM
Data Type: Reprocessed on 8/2/2007 10:40:39 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31386,31386

Table with 8 columns: Analyte, Mean Corrected Intensity, Calib Conc. Units, Std.Dev., Sample Conc. Units, Std.Dev., RSD. Includes handwritten 'VRS' and '8/2/07'.

Sequence No.: 11
Sample ID: MB-31386,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 102
Date Collected: 8/2/2007 7:03:06 AM
Data Type: Reprocessed on 8/2/2007 10:40:40 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31386,31386

Table with 8 columns: Analyte, Mean Corrected Intensity, Calib Conc. Units, Std.Dev., Sample Conc. Units, Std.Dev., RSD.

Sequence No.: 12
Sample ID: LCS-31386,31386

Autosampler Location: 103
Date Collected: 8/2/2007 7:06:36 AM



Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Data Type: Reprocessed on 8/2/2007 10:40:40 AM

Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: LCS-31386,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | | | Units | Conc. | |
| Ag 328.068 | 217501.3 | 1.5342 | mg/L | 0.00465 | 1.5342 | mg/L | 0.30% |
| Al 308.215 | 2436430.0 | 69.929 | mg/L | 0.1974 | 69.929 | mg/L | 0.28% |
| As 188.979 | 1566.6 | 1.9241 | mg/L | 0.00675 | 1.9241 | mg/L | 0.35% |
| Ba 233.527 | 675875.6 | 6.8202 | mg/L | 0.01045 | 6.8202 | mg/L | 0.15% |
| Be 313.107 | 1571853.0 | 0.6669 | mg/L | 0.00401 | 0.6669 | mg/L | 0.60% |
| Co 228.616 | 32700.6 | 1.1736 | mg/L | 0.00147 | 1.1736 | mg/L | 0.13% |
| Cr 267.716 | 64806.9 | 1.2792 | mg/L | 0.00372 | 1.2792 | mg/L | 0.29% |
| Cu 324.752 | 283479.6 | 0.9536 | mg/L | 0.00716 | 0.9536 | mg/L | 0.75% |
| Fe 273.955 | 4314369.9 | 122.18 | mg/L | 0.405 | 122.18 | mg/L | 0.33% |
| Mg 279.077 | 599486.9 | 23.433 | mg/L | 0.1167 | 23.433 | mg/L | 0.50% |
| Mn 257.610 | 2105168.0 | 3.2750 | mg/L | 0.01539 | 3.2750 | mg/L | 0.47% |
| Ni 231.604 | 46436.8 | 2.1584 | mg/L | 0.01122 | 2.1584 | mg/L | 0.52% |
| Pb 220.353 | 5371.1 | 1.0393 | mg/L | 0.00116 | 1.0393 | mg/L | 0.11% |
| Sb 206.836 | 682.9 | 0.5914 | mg/L | 0.00165 | 0.5914 | mg/L | 0.28% |
| Se 196.026 | 656.1 | 0.9763 | mg/L | 0.00373 | 0.9763 | mg/L | 0.38% |
| Tl 190.801 | 1767.7 | 1.3487 | mg/L | 0.00179 | 1.3487 | mg/L | 0.13% |
| V 292.402 | 148096.9 | 1.4187 | mg/L | 0.00048 | 1.4187 | mg/L | 0.03% |
| Zn 206.200 | 38063.7 | 1.4876 | mg/L | 0.00902 | 1.4876 | mg/L | 0.61% |
| Na 330.237 | 18825.9 | 7.9608 | mg/L | 0.07872 | 7.9608 | mg/L | 0.99% |
| Cd 226.502 | 38030.3 | 0.7908 | mg/L | 0.00409 | 0.7908 | mg/L | 0.52% |
| Ti 334.940 | 2680667.9 | 2.9644 | mg/L | 0.01476 | 2.9644 | mg/L | 0.50% |
| Ca 227.546 | 10306.0 | 35.995 | mg/L | 0.0821 | 35.995 | mg/L | 0.23% |

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Sequence No.: 13
 Sample ID: F0936-01B,31386
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 104
 Date Collected: 8/2/2007 7:09:55 AM
 Data Type: Reprocessed on 8/2/2007 10:40:41 AM

Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: F0936-01B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|--------|
| | Intensity | Conc. | | | Units | Conc. | |
| Ag 328.068 | 773.2 | -0.0253 | mg/L | 0.00025 | -0.0253 | mg/L | 0.99% |
| Al 308.215 | 1490686.6 | 42.789 | mg/L | 0.0830 | 42.789 | mg/L | 0.19% |
| As 188.979 | 38.6 | 0.0488 | mg/L | 0.00468 | 0.0488 | mg/L | 9.59% |
| Ba 233.527 | 216517.1 | 2.1837 | mg/L | 0.00621 | 2.1837 | mg/L | 0.28% |
| Be 313.107 | 7147.4 | 0.0041 | mg/L | 0.00001 | 0.0041 | mg/L | 0.31% |
| Co 228.616 | 1370.8 | 0.0499 | mg/L | 0.00015 | 0.0499 | mg/L | 0.30% |
| Cr 267.716 | 6837.3 | 0.1331 | mg/L | 0.00072 | 0.1331 | mg/L | 0.54% |
| Cu 324.752 | 493946.2 | 1.6616 | mg/L | 0.00385 | 1.6616 | mg/L | 0.23% |
| Fe 273.955 | 5166990.9 | 146.12 | mg/L | 0.057 | 146.12 | mg/L | 0.04% |
| Mg 279.077 | 443363.0 | 17.317 | mg/L | 0.0059 | 17.317 | mg/L | 0.03% |
| Mn 257.610 | 2293925.6 | 3.5686 | mg/L | 0.00773 | 3.5686 | mg/L | 0.22% |
| Ni 231.604 | 2947.4 | 0.1386 | mg/L | 0.00132 | 0.1386 | mg/L | 0.95% |
| Pb 220.353 | 24788.1 | 4.7785 | mg/L | 0.00152 | 4.7785 | mg/L | 0.03% |
| Sb 206.836 | -8.3 | -0.0107 | mg/L | 0.00761 | -0.0107 | mg/L | 70.97% |
| Se 196.026 | -7.7 | 0.0381 | mg/L | 0.00085 | 0.0381 | mg/L | 2.23% |
| Tl 190.801 | -3.5 | 0.0348 | mg/L | 0.00414 | 0.0348 | mg/L | 11.92% |
| V 292.402 | 11870.7 | 0.1161 | mg/L | 0.00020 | 0.1161 | mg/L | 0.17% |
| Zn 206.200 | 70409.9 | 2.7415 | mg/L | 0.00882 | 2.7415 | mg/L | 0.32% |
| Na 330.237 | 4407.7 | 3.1575 | mg/L | 0.02066 | 3.1575 | mg/L | 0.65% |
| Cd 226.502 | 825.8 | 0.0093 | mg/L | 0.00006 | 0.0093 | mg/L | 0.65% |
| Ti 334.940 | 554089.3 | 0.6132 | mg/L | 0.00212 | 0.6132 | mg/L | 0.35% |
| Ca 227.546 | 12704.4 | 44.609 | mg/L | 0.2459 | 44.609 | mg/L | 0.55% |

Sequence No.: 14
 Sample ID: F0936-02B,31386
 Analyst:

Autosampler Location: 105
 Date Collected: 8/2/2007 7:13:10 AM
 Data Type: Reprocessed on 8/2/2007 10:40:41 AM

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-02B,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|--------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | 1358.3 | | 0.0115 mg/L | 0.00036 | 0.0115 mg/L | 0.00036 | 3.14% |
| Al 308.215 | 1371816.4 | | 39.376 mg/L | 0.0258 | 39.376 mg/L | 0.0258 | 0.07% |
| As 188.979 | 43.2 | | 0.0576 mg/L | 0.00029 | 0.0576 mg/L | 0.00029 | 0.51% |
| Ba 233.527 | 89951.3 | | 0.9074 mg/L | 0.00186 | 0.9074 mg/L | 0.00186 | 0.20% |
| Be 313.107 | 12802.7 | | 0.0068 mg/L | 0.00003 | 0.0068 mg/L | 0.00003 | 0.48% |
| Co 228.616 | 1157.7 | | 0.0492 mg/L | 0.00020 | 0.0492 mg/L | 0.00020 | 0.40% |
| Cr 267.716 | 7748.3 | | 0.1517 mg/L | 0.00117 | 0.1517 mg/L | 0.00117 | 0.77% |
| Cu 324.752 | 936343.6 | | 3.1541 mg/L | 0.00334 | 3.1541 mg/L | 0.00334 | 0.11% |
| Fe 273.955 | 1471688.6 | | 42.313 mg/L | 0.0482 | 42.313 mg/L | 0.0482 | 0.11% |
| Mg 279.077 | 84952.0 | | 3.3212 mg/L | 0.01487 | 3.3212 mg/L | 0.01487 | 0.45% |
| Mn 257.610 | 939653.0 | | 1.4618 mg/L | 0.00102 | 1.4618 mg/L | 0.00102 | 0.07% |
| Ni 231.604 | 17288.6 | | 0.8075 mg/L | 0.00704 | 0.8075 mg/L | 0.00704 | 0.87% |
| Pb 220.353 | 24605.5 | | 4.7440 mg/L ✓ | 0.05022 | 4.7440 mg/L | 0.05022 | 1.06% |
| Sb 206.836 | 37.7 | | 0.0343 mg/L | 0.00060 | 0.0343 mg/L | 0.00060 | 1.74% |
| Se 196.026 | 19.5 | | 0.0328 mg/L | 0.00454 | 0.0328 mg/L | 0.00454 | 13.84% |
| Tl 190.801 | 0.6 | | 0.0094 mg/L | 0.00319 | 0.0094 mg/L | 0.00319 | 33.77% |
| V 292.402 | 13432.0 | | 0.1289 mg/L | 0.00074 | 0.1289 mg/L | 0.00074 | 0.58% |
| Zn 206.200 | 163939.9 | | 6.3826 mg/L | 0.04614 | 6.3826 mg/L | 0.04614 | 0.72% |
| Na 330.237 | 9193.3 | | 6.0756 mg/L | 0.08388 | 6.0756 mg/L | 0.08388 | 1.38% |
| Cd 226.502 | 801.1 | | 0.0149 mg/L | 0.00023 | 0.0149 mg/L | 0.00023 | 1.55% |
| Ti 334.940 | 713124.2 | | 0.7903 mg/L | 0.00059 | 0.7903 mg/L | 0.00059 | 0.08% |
| Ca 227.546 | 40890.4 | | 152.67 mg/L | 0.791 | 152.67 mg/L | 0.791 | 0.52% |

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Sequence No.: 15

Sample ID: F0936-05B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 106

Date Collected: 8/2/2007 7:16:23 AM

Data Type: Reprocessed on 8/2/2007 10:40:42 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-05B,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|--------------|----------|--------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | -131.6 | | -0.0840 mg/L | 0.00003 | -0.0840 mg/L | 0.00003 | 0.03% |
| Al 308.215 | 1209287.8 | | 34.711 mg/L | 0.1750 | 34.711 mg/L | 0.1750 | 0.50% |
| As 188.979 | 43.8 | | 0.0507 mg/L | 0.00524 | 0.0507 mg/L | 0.00524 | 10.32% |
| Ba 233.527 | 75208.7 | | 0.7563 mg/L | 0.00510 | 0.7563 mg/L | 0.00510 | 0.67% |
| Be 313.107 | 14965.3 | | 0.0069 mg/L | 0.00001 | 0.0069 mg/L | 0.00001 | 0.15% |
| Co 228.616 | 3458.7 | | 0.1230 mg/L | 0.00096 | 0.1230 mg/L | 0.00096 | 0.78% |
| Cr 267.716 | 2913.7 | | 0.0520 mg/L | 0.00006 | 0.0520 mg/L | 0.00006 | 0.12% |
| Cu 324.752 | 88025.9 | | 0.2931 mg/L | 0.00229 | 0.2931 mg/L | 0.00229 | 0.78% |
| Fe 273.955 | 13009763.4 | | 367.12 mg/L X | 1.367 | 367.12 mg/L | 1.367 | 0.37% |
| Mg 279.077 | 247116.5 | | 9.6231 mg/L | 0.03779 | 9.6231 mg/L | 0.03779 | 0.39% |
| Mn 257.610 | 6809996.2 | | 10.594 mg/L | 0.0455 | 10.594 mg/L | 0.0455 | 0.43% |
| Ni 231.604 | 8175.5 | | 0.3811 mg/L | 0.00177 | 0.3811 mg/L | 0.00177 | 0.46% |
| Pb 220.353 | 743.9 | | 0.1434 mg/L | 0.00083 | 0.1434 mg/L | 0.00083 | 0.58% |
| Sb 206.836 | -31.5 | | -0.0296 mg/L | 0.00098 | -0.0296 mg/L | 0.00098 | 3.29% |
| Se 196.026 | -46.4 | | 0.0596 mg/L | 0.00371 | 0.0596 mg/L | 0.00371 | 6.22% |
| Tl 190.801 | -11.3 | | 0.0932 mg/L | 0.00017 | 0.0932 mg/L | 0.00017 | 0.18% |
| V 292.402 | 9851.5 | | 0.1012 mg/L | 0.00043 | 0.1012 mg/L | 0.00043 | 0.43% |
| Zn 206.200 | 33264.0 | | 1.2957 mg/L | 0.00631 | 1.2957 mg/L | 0.00631 | 0.49% |
| Na 330.237 | 1532.6 | | 1.4630 mg/L | 0.07860 | 1.4630 mg/L | 0.07860 | 5.37% |
| Cd 226.502 | 1333.9 | | 0.0079 mg/L | 0.00041 | 0.0079 mg/L | 0.00041 | 5.13% |
| Ti 334.940 | 280612.8 | | 0.3105 mg/L | 0.00122 | 0.3105 mg/L | 0.00122 | 0.39% |
| Ca 227.546 | 5723.6 | | 13.693 mg/L | 0.1418 | 13.693 mg/L | 0.1418 | 1.04% |

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Sequence No.: 16

Sample ID: F0936-06B,31386

Analyst:

Logged In Analyst (Original) : optima3

Autosampler Location: 107

Date Collected: 8/2/2007 7:19:38 AM

Data Type: Reprocessed on 8/2/2007 10:40:42 AM

Initial Sample Wt:
Dilution:

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-06B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD | |
|------------|----------------|--------|-------|----------|--------|-------|---------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | | |
| Ag 328.068 | 3407.5 | 0.0128 | mg/L | 0.00051 | 0.0128 | mg/L | 0.00051 | 4.01% |
| Al 308.215 | 5497025.3 | 157.79 | mg/L | 0.848 | 157.79 | mg/L | 0.848 | 0.54% |
| As 188.979 | 249.4 | 0.3145 | mg/L | 0.00001 | 0.3145 | mg/L | 0.00001 | 0.00% |
| Ba 233.527 | 1419687.3 | 14.323 | mg/L | 0.0813 | 14.323 | mg/L | 0.0813 | 0.57% |
| Be 313.107 | 7799.2 | 0.0098 | mg/L | 0.00006 | 0.0098 | mg/L | 0.00006 | 0.56% |
| Co 228.616 | 1484.7 | 0.0612 | mg/L | 0.00044 | 0.0612 | mg/L | 0.00044 | 0.72% |
| Cr 267.716 | 15777.3 | 0.3088 | mg/L | 0.00082 | 0.3088 | mg/L | 0.00082 | 0.27% |
| Cu 324.752 | 1913310.9 | 6.4439 | mg/L | 0.04097 | 6.4439 | mg/L | 0.04097 | 0.64% |
| Fe 273.955 | 4965422.0 | 142.00 | mg/L | 0.732 | 142.00 | mg/L | 0.732 | 0.52% |
| Mg 279.077 | 733142.7 | 28.638 | mg/L | 0.1362 | 28.638 | mg/L | 0.1362 | 0.48% |
| Mn 257.610 | 1432830.9 | 2.2290 | mg/L | 0.00854 | 2.2290 | mg/L | 0.00854 | 0.38% |
| Ni 231.604 | 4666.1 | 0.2247 | mg/L | 0.00089 | 0.2247 | mg/L | 0.00089 | 0.39% |
| Pb 220.353 | 41487.8 | 8.0043 | mg/L | 0.02838 | 8.0043 | mg/L | 0.02838 | 0.35% |
| Sb 206.836 | 768.4 | 0.7071 | mg/L | 0.00552 | 0.7071 | mg/L | 0.00552 | 0.78% |
| Se 196.026 | -6.8 | 0.0256 | mg/L | 0.01393 | 0.0256 | mg/L | 0.01393 | 54.45% |
| Tl 190.801 | -6.1 | 0.0204 | mg/L | 0.00040 | 0.0204 | mg/L | 0.00040 | 1.95% |
| V 292.402 | 24493.1 | 0.2359 | mg/L | 0.00182 | 0.2359 | mg/L | 0.00182 | 0.77% |
| Zn 206.200 | 483938.7 | 18.840 | mg/L | 0.0433 | 18.840 | mg/L | 0.0433 | 0.23% |
| Na 330.237 | 150787.7 | 101.52 | mg/L | 1.056 | 101.52 | mg/L | 1.056 | 1.04% |
| Cd 226.502 | 725.0 | 0.0076 | mg/L | 0.00013 | 0.0076 | mg/L | 0.00013 | 1.77% |
| Ti 334.940 | 3256207.7 | 3.6039 | mg/L | 0.00923 | 3.6039 | mg/L | 0.00923 | 0.26% |
| Ca 227.546 | 77807.9 | 289.25 | mg/L | 2.970 | 289.25 | mg/L | 2.970 | 1.03% |

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Sequence No.: 17

Sample ID: F0936-10B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 108

Date Collected: 8/2/2007 7:22:54 AM

Data Type: Reprocessed on 8/2/2007 10:40:43 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-10B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD | |
|------------|----------------|---------|-------|----------|---------|-------|---------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | | |
| Ag 328.068 | 891.2 | -0.0446 | mg/L | 0.00022 | -0.0446 | mg/L | 0.00022 | 0.50% |
| Al 308.215 | 1778613.3 | 51.053 | mg/L | 0.0224 | 51.053 | mg/L | 0.0224 | 0.04% |
| As 188.979 | 87.6 | 0.1109 | mg/L | 0.00365 | 0.1109 | mg/L | 0.00365 | 3.29% |
| Ba 233.527 | 1080708.3 | 10.902 | mg/L | 0.0117 | 10.902 | mg/L | 0.0117 | 0.11% |
| Be 313.107 | 8221.8 | 0.0056 | mg/L | 0.00008 | 0.0056 | mg/L | 0.00008 | 1.38% |
| Co 228.616 | 2160.7 | 0.0818 | mg/L | 0.00089 | 0.0818 | mg/L | 0.00089 | 1.09% |
| Cr 267.716 | 12387.7 | 0.2447 | mg/L | 0.00663 | 0.2447 | mg/L | 0.00663 | 2.71% |
| Cu 324.752 | 523504.7 | 1.7627 | mg/L | 0.00185 | 1.7627 | mg/L | 0.00185 | 0.10% |
| Fe 273.955 | 8996921.4 | 254.51 | mg/L | 0.114 | 254.51 | mg/L | 0.114 | 0.04% |
| Mg 279.077 | 366359.0 | 14.248 | mg/L | 0.0019 | 14.248 | mg/L | 0.0019 | 0.01% |
| Mn 257.610 | 1839933.7 | 2.8623 | mg/L | 0.00550 | 2.8623 | mg/L | 0.00550 | 0.19% |
| Ni 231.604 | 5289.3 | 0.2494 | mg/L | 0.00063 | 0.2494 | mg/L | 0.00063 | 0.25% |
| Pb 220.353 | 74208.5 | 14.303 | mg/L | 0.3463 | 14.303 | mg/L | 0.3463 | 2.42% |
| Sb 206.836 | -2.3 | -0.0059 | mg/L | 0.00071 | -0.0059 | mg/L | 0.00071 | 12.01% |
| Se 196.026 | -17.8 | 0.0577 | mg/L | 0.00159 | 0.0577 | mg/L | 0.00159 | 2.75% |
| Tl 190.801 | -19.1 | 0.0485 | mg/L | 0.00359 | 0.0485 | mg/L | 0.00359 | 7.40% |
| V 292.402 | 23198.6 | 0.2262 | mg/L | 0.00516 | 0.2262 | mg/L | 0.00516 | 2.28% |
| Zn 206.200 | 537630.2 | 20.933 | mg/L | 0.0212 | 20.933 | mg/L | 0.0212 | 0.10% |
| Na 330.237 | 24381.7 | 16.625 | mg/L | 0.1622 | 16.625 | mg/L | 0.1622 | 0.98% |
| Cd 226.502 | 1419.3 | 0.0159 | mg/L | 0.00056 | 0.0159 | mg/L | 0.00056 | 3.55% |
| Ti 334.940 | 1075809.4 | 1.1912 | mg/L | 0.00193 | 1.1912 | mg/L | 0.00193 | 0.16% |
| Ca 227.546 | 36404.8 | 131.33 | mg/L | 2.434 | 131.33 | mg/L | 2.434 | 1.85% |

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Sequence No.: 18

Sample ID: F0936-13B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Autosampler Location: 109

Date Collected: 8/2/2007 7:26:10 AM

Data Type: Reprocessed on 8/2/2007 10:40:43 AM

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-13B,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|--------------|----------|--------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | 46.4 | | -0.0898 mg/L | 0.00081 | -0.0898 mg/L | 0.00081 | 0.90% |
| Al 308.215 | 4130800.1 | | 118.56 mg/L | 1.010 | 118.56 mg/L | 1.010 | 0.85% |
| As 188.979 | 35.5 | | 0.0467 mg/L | 0.00243 | 0.0467 mg/L | 0.00243 | 5.20% |
| Ba 233.527 | 248794.7 | | 2.5093 mg/L | 0.02419 | 2.5093 mg/L | 0.02419 | 0.96% |
| Be 313.107 | 8361.7 | | 0.0075 mg/L | 0.00007 | 0.0075 mg/L | 0.00007 | 0.91% |
| Co 228.616 | 3955.8 | | 0.1389 mg/L | 0.00064 | 0.1389 mg/L | 0.00064 | 0.46% |
| Cr 267.716 | 14227.2 | | 0.2786 mg/L | 0.00131 | 0.2786 mg/L | 0.00131 | 0.47% |
| Cu 324.752 | 5238908.0 | | 17.623 mg/L | 0.0588 | 17.623 mg/L | 0.0588 | 0.33% |
| Fe 273.955 | 12495074.7 | | 353.27 mg/L | 1.271 | 353.27 mg/L | 1.271 | 0.36% |
| Mg 279.077 | 1286286.7 | | 50.227 mg/L | 0.4409 | 50.227 mg/L | 0.4409 | 0.88% |
| Mn 257.610 | 4092530.8 | | 6.3666 mg/L | 0.02903 | 6.3666 mg/L | 0.02903 | 0.46% |
| Ni 231.604 | 30930.1 | | 1.4389 mg/L | 0.01853 | 1.4389 mg/L | 0.01853 | 1.29% |
| Pb 220.353 | 27930.7 | | 5.3827 mg/L | 0.05305 | 5.3827 mg/L | 0.05305 | 0.99% |
| Sb 206.836 | 155.9 | | 0.1384 mg/L | 0.00459 | 0.1384 mg/L | 0.00459 | 3.32% |
| Se 196.026 | -48.1 | | 0.0614 mg/L | 0.00698 | 0.0614 mg/L | 0.00698 | 11.38% |
| Tl 190.801 | -19.5 | | 0.0706 mg/L | 0.00024 | 0.0706 mg/L | 0.00024 | 0.34% |
| V 292.402 | 131885.7 | | 1.2644 mg/L | 0.01175 | 1.2644 mg/L | 0.01175 | 0.93% |
| Zn 206.200 | 153523.3 | | 5.9761 mg/L | 0.05679 | 5.9761 mg/L | 0.05679 | 0.95% |
| Na 330.237 | 8048.0 | | 6.1200 mg/L | 0.03274 | 6.1200 mg/L | 0.03274 | 0.53% |
| Cd 226.502 | 1744.3 | | 0.0178 mg/L | 0.00030 | 0.0178 mg/L | 0.00030 | 1.68% |
| Ti 334.940 | 1972513.2 | | 2.1819 mg/L | 0.02139 | 2.1819 mg/L | 0.02139 | 0.98% |
| Ca 227.546 | 19478.9 | | 65.484 mg/L | 0.0953 | 65.484 mg/L | 0.0953 | 0.15% |

Sequence No.: 19

Sample ID: F0936-14B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 110

Date Collected: 8/2/2007 7:29:28 AM

Data Type: Reprocessed on 8/2/2007 10:40:44 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-14B,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|--------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | -119.5 | | -0.0664 mg/L | 0.00091 | -0.0664 mg/L | 0.00091 | 1.38% |
| Al 308.215 | 3377888.8 | | 96.960 mg/L | 1.1042 | 96.960 mg/L | 1.1042 | 1.14% |
| As 188.979 | 28.5 | | 0.0362 mg/L | 0.00296 | 0.0362 mg/L | 0.00296 | 8.18% |
| Ba 233.527 | 105396.3 | | 1.0616 mg/L | 0.01340 | 1.0616 mg/L | 0.01340 | 1.26% |
| Be 313.107 | 7895.3 | | 0.0050 mg/L | 0.00006 | 0.0050 mg/L | 0.00006 | 1.27% |
| Co 228.616 | 3112.5 | | 0.1096 mg/L | 0.00008 | 0.1096 mg/L | 0.00008 | 0.07% |
| Cr 267.716 | 9776.7 | | 0.1894 mg/L | 0.00125 | 0.1894 mg/L | 0.00125 | 0.66% |
| Cu 324.752 | 119016.7 | | 0.3983 mg/L | 0.00414 | 0.3983 mg/L | 0.00414 | 1.04% |
| Fe 273.955 | 10052441.3 | | 284.10 mg/L | 3.009 | 284.10 mg/L | 3.009 | 1.06% |
| Mg 279.077 | 1234221.6 | | 48.221 mg/L | 0.5469 | 48.221 mg/L | 0.5469 | 1.13% |
| Mn 257.610 | 4131743.2 | | 6.4276 mg/L | 0.07338 | 6.4276 mg/L | 0.07338 | 1.14% |
| Ni 231.604 | 5549.3 | | 0.2601 mg/L | 0.00227 | 0.2601 mg/L | 0.00227 | 0.87% |
| Pb 220.353 | 2904.8 | | 0.5645 mg/L | 0.00126 | 0.5645 mg/L | 0.00126 | 0.22% |
| Sb 206.836 | -26.2 | | -0.0300 mg/L | 0.00045 | -0.0300 mg/L | 0.00045 | 1.49% |
| Se 196.026 | -36.5 | | 0.0481 mg/L | 0.00469 | 0.0481 mg/L | 0.00469 | 9.74% |
| Tl 190.801 | -15.3 | | 0.0599 mg/L | 0.00254 | 0.0599 mg/L | 0.00254 | 4.24% |
| V 292.402 | 17608.4 | | 0.1737 mg/L | 0.00223 | 0.1737 mg/L | 0.00223 | 1.29% |
| Zn 206.200 | 23666.9 | | 0.9216 mg/L | 0.00779 | 0.9216 mg/L | 0.00779 | 0.85% |
| Na 330.237 | 2127.2 | | 1.8896 mg/L | 0.11358 | 1.8896 mg/L | 0.11358 | 6.01% |
| Cd 226.502 | 853.7 | | 0.0024 mg/L | 0.00013 | 0.0024 mg/L | 0.00013 | 5.36% |
| Ti 334.940 | 817881.1 | | 0.9046 mg/L | 0.00976 | 0.9046 mg/L | 0.00976 | 1.08% |
| Ca 227.546 | 6909.6 | | 19.909 mg/L | 0.0068 | 19.909 mg/L | 0.0068 | 0.03% |

Sequence No.: 20

Sample ID: CCV

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/2/2007 7:32:16 AM

Data Type: Reprocessed on 8/2/2007 10:40:44 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | | | Units | Conc. | |
| Ag 328.068 | 169390.6 | 1.1978 | mg/L | 0.01539 | 1.1978 | mg/L | 1.29% |
| Al 308.215 | 342804.4 | 9.8203 | mg/L | 0.14546 | 9.8203 | mg/L | 1.48% |
| As 188.979 | 414.1 | 0.5181 | mg/L | 0.00202 | 0.5181 | mg/L | 0.39% |
| Ba 233.527 | 1044567.4 | 10.542 | mg/L | 0.0309 | 10.542 | mg/L | 0.29% |
| Be 313.107 | 596070.3 | 0.2509 | mg/L | 0.00095 | 0.2509 | mg/L | 0.38% |
| Co 228.616 | 70433.8 | 2.5444 | mg/L | 0.02757 | 2.5444 | mg/L | 1.08% |
| Cr 267.716 | 51290.4 | 1.0132 | mg/L | 0.01025 | 1.0132 | mg/L | 1.01% |
| Cu 324.752 | 373099.4 | 1.2559 | mg/L | 0.00269 | 1.2559 | mg/L | 0.21% |
| Fe 273.955 | 182825.2 | 5.3315 | mg/L | 0.06213 | 5.3315 | mg/L | 1.17% |
| Mg 279.077 | 646072.5 | 25.300 | mg/L | 0.0685 | 25.300 | mg/L | 0.27% |
| Mn 257.610 | 1645353.1 | 2.5597 | mg/L | 0.00833 | 2.5597 | mg/L | 0.33% |
| Ni 231.604 | 54668.5 | 2.5413 | mg/L | 0.02841 | 2.5413 | mg/L | 1.12% |
| Pb 220.353 | 2633.3 | 0.5081 | mg/L | 0.00355 | 0.5081 | mg/L | 0.70% |
| Sb 206.836 | 569.5 | 0.4950 | mg/L | 0.00499 | 0.4950 | mg/L | 1.01% |
| Se 196.026 | 352.5 | 0.5014 | mg/L | 0.00307 | 0.5014 | mg/L | 0.61% |
| Tl 190.801 | 687.4 | 0.5163 | mg/L | 0.00298 | 0.5163 | mg/L | 0.58% |
| V 292.402 | 265192.8 | 2.5349 | mg/L | 0.01714 | 2.5349 | mg/L | 0.68% |
| Zn 206.200 | 65961.7 | 2.5736 | mg/L | 0.03166 | 2.5736 | mg/L | 1.23% |
| Na 330.237 | 35173.7 | 23.534 | mg/L | 0.2561 | 23.534 | mg/L | 1.09% |
| Cd 226.502 | 12063.8 | 0.2536 | mg/L | 0.00426 | 0.2536 | mg/L | 1.68% |
| Ti 334.940 | 807.4 | 0.0011 | mg/L | 0.00001 | 0.0011 | mg/L | 1.10% |
| Ca 227.546 | 6768.5 | 25.149 | mg/L | 0.0668 | 25.149 | mg/L | 0.27% |

Sequence No.: 21

Sample ID: CCB

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/2/2007 7:35:28 AM

Data Type: Reprocessed on 8/2/2007 10:40:45 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|---------|
| | Intensity | Conc. | | | Units | Conc. | |
| Ag 328.068 | -50.3 | -0.0004 | mg/L | 0.00009 | -0.0004 | mg/L | 25.76% |
| Al 308.215 | 160.5 | 0.0046 | mg/L | 0.00063 | 0.0046 | mg/L | 13.60% |
| As 188.979 | -0.6 | -0.0007 | mg/L | 0.00417 | -0.0007 | mg/L | 594.84% |
| Ba 233.527 | 128.0 | 0.0013 | mg/L | 0.00021 | 0.0013 | mg/L | 16.30% |
| Be 313.107 | 70.7 | 0.0000 | mg/L | 0.00000 | 0.0000 | mg/L | 0.36% |
| Co 228.616 | 9.9 | 0.0004 | mg/L | 0.00014 | 0.0004 | mg/L | 38.92% |
| Cr 267.716 | -4.7 | -0.0001 | mg/L | 0.00000 | -0.0001 | mg/L | 1.21% |
| Cu 324.752 | 226.4 | 0.0008 | mg/L | 0.00011 | 0.0008 | mg/L | 14.51% |
| Fe 273.955 | 508.9 | 0.0144 | mg/L | 0.00108 | 0.0144 | mg/L | 7.53% |
| Mg 279.077 | 106.1 | 0.0041 | mg/L | 0.00657 | 0.0041 | mg/L | 158.23% |
| Mn 257.610 | 296.7 | 0.0005 | mg/L | 0.00006 | 0.0005 | mg/L | 12.92% |
| Ni 231.604 | 1.6 | 0.0001 | mg/L | 0.00001 | 0.0001 | mg/L | 7.73% |
| Pb 220.353 | 5.0 | 0.0010 | mg/L | 0.00132 | 0.0010 | mg/L | 138.13% |
| Sb 206.836 | -1.6 | -0.0015 | mg/L | 0.00107 | -0.0015 | mg/L | 72.39% |
| Se 196.026 | 4.9 | 0.0069 | mg/L | 0.00493 | 0.0069 | mg/L | 71.33% |
| Tl 190.801 | 2.0 | 0.0015 | mg/L | 0.00101 | 0.0015 | mg/L | 68.97% |
| V 292.402 | 9.4 | 0.0001 | mg/L | 0.00005 | 0.0001 | mg/L | 58.09% |
| Zn 206.200 | 23.2 | 0.0009 | mg/L | 0.00030 | 0.0009 | mg/L | 32.86% |
| Na 330.237 | 12.1 | 0.0081 | mg/L | 0.08010 | 0.0081 | mg/L | 985.90% |
| Cd 226.502 | 5.6 | 0.0001 | mg/L | 0.00002 | 0.0001 | mg/L | 19.49% |
| Ti 334.940 | 132.2 | 0.0001 | mg/L | 0.00005 | 0.0001 | mg/L | 35.15% |
| Ca 227.546 | 2.5 | 0.0089 | mg/L | 0.02299 | 0.0089 | mg/L | 257.83% |

Sequence No.: 22

Sample ID: F0936-14BDUP,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 111

Date Collected: 8/2/2007 7:38:34 AM

Data Type: Reprocessed on 8/2/2007 10:40:45 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-14BDUP,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD | |
|------------|----------------|---------|----------------------|----------|-------------|----------|---------|--------|
| | Intensity | Conc. | | | Conc. Units | Std.Dev. | | |
| Ag 328.068 | 88.6 | -0.0551 | mg/L | 0.00110 | -0.0551 | mg/L | 0.00110 | 2.00% |
| Al 308.215 | 3526721.0 | 101.23 | mg/L | 0.285 | 101.23 | mg/L | 0.285 | 0.28% |
| As 188.979 | 43.0 | 0.0538 | mg/L | 0.00499 | 0.0538 | mg/L | 0.00499 | 9.27% |
| Ba 233.527 | 155016.1 | 1.5625 | mg/L | 0.00580 | 1.5625 | mg/L | 0.00580 | 0.37% |
| Be 313.107 | 7947.5 | 0.0053 | mg/L | 0.00000 | 0.0053 | mg/L | 0.00000 | 0.07% |
| Co 228.616 | 3681.9 | 0.1306 | mg/L | 0.00066 | 0.1306 | mg/L | 0.00066 | 0.51% |
| Cr 267.716 | 8302.2 | 0.1576 | mg/L | 0.00120 | 0.1576 | mg/L | 0.00120 | 0.76% |
| Cu 324.752 | 3352648.6 | 11.277 | mg/L | 0.1292 | 11.277 | mg/L | 0.1292 | 1.15% |
| Fe 273.955 | 9032837.1 | 255.41 | mg/L | 3.588 | 255.41 | mg/L | 3.588 | 1.40% |
| Mg 279.077 | 1191229.5 | 46.580 | mg/L | 0.2079 | 46.580 | mg/L | 0.2079 | 0.45% |
| Mn 257.610 | 5654520.8 | 8.7965 | mg/L | 0.13224 | 8.7965 | mg/L | 0.13224 | 1.50% |
| Ni 231.604 | 5658.3 | 0.2645 | mg/L | 0.00121 | 0.2645 | mg/L | 0.00121 | 0.46% |
| Pb 220.353 | 5060.8 | 0.9758 | mg/L | 0.00479 | 0.9758 | mg/L | 0.00479 | 0.49% |
| Sb 206.836 | -21.1 | -0.0241 | mg/L | 0.00415 | -0.0241 | mg/L | 0.00415 | 17.20% |
| Se 196.026 | -29.1 | 0.0497 | mg/L | 0.00267 | 0.0497 | mg/L | 0.00267 | 5.36% |
| Tl 190.801 | -12.8 | 0.0566 | mg/L | 0.00048 | 0.0566 | mg/L | 0.00048 | 0.85% |
| V 292.402 | 19550.6 | 0.1906 | mg/L | 0.00034 | 0.1906 | mg/L | 0.00034 | 0.18% |
| Zn 206.200 | 40462.2 | 1.5746 | mg/L | 0.00983 | 1.5746 | mg/L | 0.00983 | 0.62% |
| Na 330.237 | 3115.7 | 2.5401 | mg/L | 0.06867 | 2.5401 | mg/L | 0.06867 | 2.70% |
| Cd 226.502 | 978.1 | 0.0066 | mg/L | 0.00012 | 0.0066 | mg/L | 0.00012 | 1.84% |
| Ti 334.940 | 996607.9 | 1.1024 | mg/L | 0.00329 | 1.1024 | mg/L | 0.00329 | 0.30% |
| Ca 227.546 | 10113.3 | 32.501 | mg/L | 0.1058 | 32.501 | mg/L | 0.1058 | 0.33% |

Sequence No.: 23

Sample ID: F0936-14BMS,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 20

Date Collected: 8/2/2007 7:41:52 AM

Data Type: Reprocessed on 8/2/2007 10:40:46 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-14BMS,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD | |
|------------|----------------|--------|----------------------|----------|-------------|----------|---------|-------|
| | Intensity | Conc. | | | Conc. Units | Std.Dev. | | |
| Ag 328.068 | 13722.0 | 0.0303 | mg/L X | 0.00011 | 0.0303 | mg/L | 0.00011 | 0.36% |
| Al 308.215 | 3595725.7 | 103.20 | mg/L X | 0.878 | 103.20 | mg/L | 0.878 | 0.85% |
| As 188.979 | 99.7 | 0.1288 | mg/L ✓ | 0.00086 | 0.1288 | mg/L | 0.00086 | 0.67% |
| Ba 233.527 | 542054.3 | 5.4689 | mg/L ✓ | 0.04938 | 5.4689 | mg/L | 0.04938 | 0.90% |
| Be 313.107 | 240131.1 | 0.1031 | mg/L ✓ | 0.00122 | 0.1031 | mg/L | 0.00122 | 1.19% |
| Co 228.616 | 31332.5 | 1.1278 | mg/L ✓ | 0.00326 | 1.1278 | mg/L | 0.00326 | 0.29% |
| Cr 267.716 | 28821.7 | 0.5667 | mg/L ✓ | 0.00367 | 0.5667 | mg/L | 0.00367 | 0.65% |
| Cu 324.752 | 295870.9 | 0.9937 | mg/L ✓ | 0.00131 | 0.9937 | mg/L | 0.00131 | 0.13% |
| Fe 273.955 | 8560972.0 | 242.05 | mg/L X | 2.068 | 242.05 | mg/L | 2.068 | 0.85% |
| Mg 279.077 | 1121483.4 | 43.822 | mg/L | 0.3712 | 43.822 | mg/L | 0.3712 | 0.85% |
| Mn 257.610 | 3589685.0 | 5.5844 | mg/L X | 0.05185 | 5.5844 | mg/L | 0.05185 | 0.93% |
| Ni 231.604 | 27183.1 | 1.2654 | mg/L ✓ | 0.00697 | 1.2654 | mg/L | 0.00697 | 0.55% |
| Pb 220.353 | 3829.2 | 0.7432 | mg/L X | 0.00065 | 0.7432 | mg/L | 0.00065 | 0.09% |
| Sb 206.836 | 80.2 | 0.0569 | mg/L X | 0.00204 | 0.0569 | mg/L | 0.00204 | 3.58% |
| Se 196.026 | 31.8 | 0.1317 | mg/L ✓ | 0.00464 | 0.1317 | mg/L | 0.00464 | 3.52% |
| Tl 190.801 | 120.5 | 0.1487 | mg/L ✓ | 0.00441 | 0.1487 | mg/L | 0.00441 | 2.96% |
| V 292.402 | 124724.8 | 1.1966 | mg/L ✓ | 0.00897 | 1.1966 | mg/L | 0.00897 | 0.75% |
| Zn 206.200 | 55572.8 | 2.1655 | mg/L ✓ | 0.00423 | 2.1655 | mg/L | 0.00423 | 0.20% |
| Na 330.237 | 3543.1 | 2.8425 | mg/L | 0.06560 | 2.8425 | mg/L | 0.06560 | 2.31% |
| Cd 226.502 | 5575.2 | 0.1041 | mg/L ✓ | 0.00026 | 0.1041 | mg/L | 0.00026 | 0.25% |
| Ti 334.940 | 1028814.7 | 1.1378 | mg/L | 0.01299 | 1.1378 | mg/L | 0.01299 | 1.14% |
| Ca 227.546 | 6159.8 | 17.918 | mg/L | 0.0191 | 17.918 | mg/L | 0.0191 | 0.11% |

Sequence No.: 24

Sample ID: F0936-14BSD,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 112

Date Collected: 8/2/2007 7:45:06 AM

Data Type: Reprocessed on 8/2/2007 10:40:46 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-14BSD,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|--------------|----------|--------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | -95.2 | | -0.0156 mg/L | 0.00030 | -0.0156 mg/L | 0.00030 | 1.93% |
| Al 308.215 | 712181.0 | | 20.443 mg/L | 0.0334 | 20.443 mg/L | 0.0334 | 0.16% |
| As 188.979 | 6.0 | | 0.0076 mg/L | 0.00365 | 0.0076 mg/L | 0.00365 | 47.90% |
| Ba 233.527 | 22926.3 | | 0.2309 mg/L | 0.00016 | 0.2309 mg/L | 0.00016 | 0.07% |
| Be 313.107 | 1749.7 | | 0.0011 mg/L | 0.00002 | 0.0011 mg/L | 0.00002 | 1.44% |
| Co 228.616 | 682.8 | | 0.0240 mg/L | 0.00023 | 0.0240 mg/L | 0.00023 | 0.97% |
| Cr 267.716 | 2055.0 | | 0.0398 mg/L | 0.00004 | 0.0398 mg/L | 0.00004 | 0.11% |
| Cu 324.752 | 24606.2 | | 0.0823 mg/L | 0.00014 | 0.0823 mg/L | 0.00014 | 0.17% |
| Fe 273.955 | 2280061.5 | | 64.428 mg/L | 0.0749 | 64.428 mg/L | 0.0749 | 0.12% |
| Mg 279.077 | 273507.7 | | 10.685 mg/L | 0.0194 | 10.685 mg/L | 0.0194 | 0.18% |
| Mn 257.610 | 901030.5 | | 1.4017 mg/L | 0.00280 | 1.4017 mg/L | 0.00280 | 0.20% |
| Ni 231.604 | 1222.6 | | 0.0573 mg/L | 0.00001 | 0.0573 mg/L | 0.00001 | 0.01% |
| Pb 220.353 | 632.7 | | 0.1229 mg/L | 0.00019 | 0.1229 mg/L | 0.00019 | 0.16% |
| Sb 206.836 | -5.2 | | -0.0060 mg/L | 0.00321 | -0.0060 mg/L | 0.00321 | 53.61% |
| Se 196.026 | -7.1 | | 0.0126 mg/L | 0.00031 | 0.0126 mg/L | 0.00031 | 2.48% |
| Tl 190.801 | -2.0 | | 0.0148 mg/L | 0.00180 | 0.0148 mg/L | 0.00180 | 12.16% |
| V 292.402 | 3717.8 | | 0.0368 mg/L | 0.00030 | 0.0368 mg/L | 0.00030 | 0.81% |
| Zn 206.200 | 5254.0 | | 0.2046 mg/L | 0.00066 | 0.2046 mg/L | 0.00066 | 0.32% |
| Na 330.237 | 520.4 | | 0.4517 mg/L | 0.03089 | 0.4517 mg/L | 0.03089 | 6.84% |
| Cd 226.502 | 181.1 | | 0.0003 mg/L | 0.00007 | 0.0003 mg/L | 0.00007 | 26.11% |
| Ti 334.940 | 171595.0 | | 0.1898 mg/L | 0.00012 | 0.1898 mg/L | 0.00012 | 0.06% |
| Ca 227.546 | 1435.3 | | 4.0203 mg/L | 0.03833 | 4.0203 mg/L | 0.03833 | 0.95% |

Sequence No.: 25

Sample ID: F0936-14BPDS,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Joe Dopp

Autosampler Location: 21

Date Collected: 8/2/2007 7:48:19 AM

Data Type: Reprocessed on 8/2/2007 10:40:46 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-14BPDS,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|--------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | 2868.0 | | -0.0417 mg/L | 0.00100 | -0.0417 mg/L | 0.00100 | 2.39% |
| Al 308.215 | 3273950.4 | | 93.975 mg/L | 0.4627 | 93.975 mg/L | 0.4627 | 0.49% |
| As 188.979 | 50.5 | | 0.0633 mg/L | 0.00186 | 0.0633 mg/L | 0.00186 | 2.93% |
| Ba 233.527 | 146184.7 | | 1.4734 mg/L | 0.00792 | 1.4734 mg/L | 0.00792 | 0.54% |
| Be 313.107 | 31983.4 | | 0.0150 mg/L | 0.00008 | 0.0150 mg/L | 0.00008 | 0.56% |
| Co 228.616 | 5771.5 | | 0.2064 mg/L | 0.00126 | 0.2064 mg/L | 0.00126 | 0.61% |
| Cr 267.716 | 10422.1 | | 0.2024 mg/L | 0.00274 | 0.2024 mg/L | 0.00274 | 1.35% |
| Cu 324.752 | 127650.7 | | 0.4278 mg/L | 0.00042 | 0.4278 mg/L | 0.00042 | 0.10% |
| Fe 273.955 | 9498983.1 | | 268.52 mg/L | 1.442 | 268.52 mg/L | 1.442 | 0.54% |
| Mg 279.077 | 1437882.1 | | 56.190 mg/L | 0.3317 | 56.190 mg/L | 0.3317 | 0.59% |
| Mn 257.610 | 3899419.7 | | 6.0662 mg/L | 0.02414 | 6.0662 mg/L | 0.02414 | 0.40% |
| Ni 231.604 | 7095.0 | | 0.3321 mg/L | 0.00488 | 0.3321 mg/L | 0.00488 | 1.47% |
| Pb 220.353 | 2759.0 | | 0.5364 mg/L | 0.00462 | 0.5364 mg/L | 0.00462 | 0.86% |
| Sb 206.836 | 121.3 | | 0.1060 mg/L | 0.00041 | 0.1060 mg/L | 0.00041 | 0.38% |
| Se 196.026 | 12.8 | | 0.1122 mg/L | 0.00529 | 0.1122 mg/L | 0.00529 | 4.72% |
| Tl 190.801 | 49.7 | | 0.1045 mg/L | 0.00040 | 0.1045 mg/L | 0.00040 | 0.38% |
| V 292.402 | 28091.1 | | 0.2735 mg/L | 0.00321 | 0.2735 mg/L | 0.00321 | 1.17% |
| Zn 206.200 | 25821.2 | | 1.0056 mg/L | 0.00649 | 1.0056 mg/L | 0.00649 | 0.65% |
| Na 330.237 | 15633.4 | | 10.908 mg/L | 0.0090 | 10.908 mg/L | 0.0090 | 0.08% |
| Cd 226.502 | 1322.4 | | 0.0131 mg/L | 0.00022 | 0.0131 mg/L | 0.00022 | 1.65% |
| Ti 334.940 | 787284.5 | | 0.8709 mg/L | 0.00282 | 0.8709 mg/L | 0.00282 | 0.32% |
| Ca 227.546 | 9183.3 | | 28.776 mg/L | 0.1432 | 28.776 mg/L | 0.1432 | 0.50% |

Sequence No.: 26

Sample ID: F0936-16B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 113

Date Collected: 8/2/2007 7:51:32 AM

Data Type: Reprocessed on 8/2/2007 10:40:47 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-16B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD | |
|------------|----------------|---------|-------|----------|---------|-------|---------|--------|
| | Intensity | Conc. | | | Units | Conc. | | Units |
| Ag 328.068 | -219.0 | -0.0533 | mg/L | 0.00012 | -0.0533 | mg/L | 0.00012 | 0.23% |
| Al 308.215 | 2907606.7 | 83.460 | mg/L | 0.0671 | 83.460 | mg/L | 0.0671 | 0.08% |
| As 188.979 | 35.9 | 0.0453 | mg/L | 0.00154 | 0.0453 | mg/L | 0.00154 | 3.40% |
| Ba 233.527 | 95331.0 | 0.9605 | mg/L | 0.00209 | 0.9605 | mg/L | 0.00209 | 0.22% |
| Be 313.107 | 3979.7 | 0.0050 | mg/L | 0.00000 | 0.0050 | mg/L | 0.00000 | 0.07% |
| Co 228.616 | 2689.9 | 0.0921 | mg/L | 0.00033 | 0.0921 | mg/L | 0.00033 | 0.36% |
| Cr 267.716 | 6256.5 | 0.1218 | mg/L | 0.00044 | 0.1218 | mg/L | 0.00044 | 0.36% |
| Cu 324.752 | 85320.7 | 0.2856 | mg/L | 0.00055 | 0.2856 | mg/L | 0.00055 | 0.19% |
| Fe 273.955 | 7808082.9 | 220.73 | mg/L | 0.035 | 220.73 | mg/L | 0.035 | 0.02% |
| Mg 279.077 | 797395.8 | 31.130 | mg/L | 0.0035 | 31.130 | mg/L | 0.0035 | 0.01% |
| Mn 257.610 | 2255820.7 | 3.5093 | mg/L | 0.00953 | 3.5093 | mg/L | 0.00953 | 0.27% |
| Ni 231.604 | 3762.0 | 0.1761 | mg/L | 0.00104 | 0.1761 | mg/L | 0.00104 | 0.59% |
| Pb 220.353 | 573.3 | 0.1150 | mg/L | 0.00064 | 0.1150 | mg/L | 0.00064 | 0.56% |
| Sb 206.836 | -27.3 | -0.0275 | mg/L | 0.00135 | -0.0275 | mg/L | 0.00135 | 4.92% |
| Se 196.026 | -29.6 | 0.0368 | mg/L | 0.00084 | 0.0368 | mg/L | 0.00084 | 2.29% |
| Tl 190.801 | -14.9 | 0.0414 | mg/L | 0.00100 | 0.0414 | mg/L | 0.00100 | 2.42% |
| V 292.402 | 18560.9 | 0.1813 | mg/L | 0.00028 | 0.1813 | mg/L | 0.00028 | 0.16% |
| Zn 206.200 | 16328.2 | 0.6353 | mg/L | 0.00371 | 0.6353 | mg/L | 0.00371 | 0.58% |
| Na 330.237 | 1919.9 | 1.8823 | mg/L | 0.11393 | 1.8823 | mg/L | 0.11393 | 6.05% |
| Cd 226.502 | 632.9 | 0.0012 | mg/L | 0.00045 | 0.0012 | mg/L | 0.00045 | 36.66% |
| Ti 334.940 | 1647689.8 | 1.8222 | mg/L | 0.00694 | 1.8222 | mg/L | 0.00694 | 0.38% |
| Ca 227.546 | 7003.9 | 21.610 | mg/L | 0.0076 | 21.610 | mg/L | 0.0076 | 0.04% |

Sequence No.: 27
 Sample ID: F0936-18B,31386
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 114
 Date Collected: 8/2/2007 7:54:47 AM
 Data Type: Reprocessed on 8/2/2007 10:40:47 AM

Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0936-18B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD | |
|------------|----------------|---------|-------|----------|---------|-------|---------|-------|
| | Intensity | Conc. | | | Units | Conc. | | Units |
| Ag 328.068 | 1196.4 | -0.0401 | mg/L | 0.00019 | -0.0401 | mg/L | 0.00019 | 0.48% |
| Al 308.215 | 4890991.7 | 140.39 | mg/L | 0.777 | 140.39 | mg/L | 0.777 | 0.55% |
| As 188.979 | 48.9 | 0.0629 | mg/L | 0.00081 | 0.0629 | mg/L | 0.00081 | 1.28% |
| Ba 233.527 | 246511.1 | 2.4861 | mg/L | 0.01476 | 2.4861 | mg/L | 0.01476 | 0.59% |
| Be 313.107 | 12590.8 | 0.0074 | mg/L | 0.00005 | 0.0074 | mg/L | 0.00005 | 0.66% |
| Co 228.616 | 2011.9 | 0.0693 | mg/L | 0.00017 | 0.0693 | mg/L | 0.00017 | 0.24% |
| Cr 267.716 | 11408.9 | 0.2211 | mg/L | 0.00120 | 0.2211 | mg/L | 0.00120 | 0.54% |
| Cu 324.752 | 108511.7 | 0.3636 | mg/L | 0.00325 | 0.3636 | mg/L | 0.00325 | 0.89% |
| Fe 273.955 | 7180303.3 | 203.30 | mg/L | 1.172 | 203.30 | mg/L | 1.172 | 0.58% |
| Mg 279.077 | 1266851.7 | 49.521 | mg/L | 0.3052 | 49.521 | mg/L | 0.3052 | 0.62% |
| Mn 257.610 | 3394491.6 | 5.2807 | mg/L | 0.03643 | 5.2807 | mg/L | 0.03643 | 0.69% |
| Ni 231.604 | 5071.0 | 0.2386 | mg/L | 0.00007 | 0.2386 | mg/L | 0.00007 | 0.03% |
| Pb 220.353 | 12738.6 | 2.4623 | mg/L | 0.00362 | 2.4623 | mg/L | 0.00362 | 0.15% |
| Sb 206.836 | -16.3 | -0.0225 | mg/L | 0.00038 | -0.0225 | mg/L | 0.00038 | 1.67% |
| Se 196.026 | -26.5 | 0.0353 | mg/L | 0.00166 | 0.0353 | mg/L | 0.00166 | 4.72% |
| Tl 190.801 | -9.0 | 0.0396 | mg/L | 0.00300 | 0.0396 | mg/L | 0.00300 | 7.58% |
| V 292.402 | 29829.0 | 0.2890 | mg/L | 0.00036 | 0.2890 | mg/L | 0.00036 | 0.12% |
| Zn 206.200 | 67668.4 | 2.6340 | mg/L | 0.01695 | 2.6340 | mg/L | 0.01695 | 0.64% |
| Na 330.237 | 3543.5 | 2.8121 | mg/L | 0.08384 | 2.8121 | mg/L | 0.08384 | 2.98% |
| Cd 226.502 | 905.7 | 0.0079 | mg/L | 0.00024 | 0.0079 | mg/L | 0.00024 | 3.07% |
| Ti 334.940 | 1028314.3 | 1.1372 | mg/L | 0.00824 | 1.1372 | mg/L | 0.00824 | 0.72% |
| Ca 227.546 | 5297.4 | 15.575 | mg/L | 0.0547 | 15.575 | mg/L | 0.0547 | 0.35% |

Sequence No.: 28
 Sample ID: F0936-20B,31386
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 115
 Date Collected: 8/2/2007 7:58:02 AM
 Data Type: Reprocessed on 8/2/2007 10:40:48 AM

Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0936-20B,31386

Mean Corrected Calib Sample



| Analyte | Intensity | Conc. Units | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|------------|-----------|--------------|----------|--------------|----------|--------|
| Ag 328.068 | 1684.9 | -0.0255 mg/L | 0.00013 | -0.0255 mg/L | 0.00013 | 0.49% |
| Al 308.215 | 2372362.2 | 68.096 mg/L | 0.0698 | 68.096 mg/L | 0.0698 | 0.10% |
| As 188.979 | 98.9 | 0.1266 mg/L | 0.00240 | 0.1266 mg/L | 0.00240 | 1.90% |
| Ba 233.527 | 3205061.7 | 32.336 mg/L | 0.0430 | 32.336 mg/L | 0.0430 | 0.13% |
| Be 313.107 | 11941.5 | 0.0069 mg/L | 0.00002 | 0.0069 mg/L | 0.00002 | 0.31% |
| Co 228.616 | 1720.0 | 0.0711 mg/L | 0.00002 | 0.0711 mg/L | 0.00002 | 0.03% |
| Cr 267.716 | 14716.2 | 0.2879 mg/L | 0.00047 | 0.2879 mg/L | 0.00047 | 0.16% |
| Cu 324.752 | 2022950.5 | 6.8093 mg/L | 0.00211 | 6.8093 mg/L | 0.00211 | 0.03% |
| Fe 273.955 | 8055608.4 | 228.34 mg/L | 0.481 | 228.34 mg/L | 0.481 | 0.21% |
| Mg 279.077 | 615741.2 | 24.043 mg/L | 0.2135 | 24.043 mg/L | 0.2135 | 0.89% |
| Mn 257.610 | 3398288.1 | 5.2866 mg/L | 0.01248 | 5.2866 mg/L | 0.01248 | 0.24% |
| Ni 231.604 | 3892.2 | 0.1863 mg/L | 0.00012 | 0.1863 mg/L | 0.00012 | 0.06% |
| Pb 220.353 | 93462.4 | 18.013 mg/L | 0.0474 | 18.013 mg/L | 0.0474 | 0.26% |
| Sb 206.836 | 13.6 | 0.0085 mg/L | 0.00094 | 0.0085 mg/L | 0.00094 | 11.10% |
| Se 196.026 | -7.4 | 0.0579 mg/L | 0.00908 | 0.0579 mg/L | 0.00908 | 15.68% |
| Tl 190.801 | -8.9 | 0.0512 mg/L | 0.00096 | 0.0512 mg/L | 0.00096 | 1.88% |
| V 292.402 | 24055.5 | 0.2337 mg/L | 0.00003 | 0.2337 mg/L | 0.00003 | 0.01% |
| Zn 206.200 | 655713.8 | 25.530 mg/L | 0.0734 | 25.530 mg/L | 0.0734 | 0.29% |
| Na 330.237 | 28479.7 | 19.167 mg/L | 0.3161 | 19.167 mg/L | 0.3161 | 1.65% |
| Cd 226.502 | 2203.8 | 0.0337 mg/L | 0.00019 | 0.0337 mg/L | 0.00019 | 0.56% |
| Ti 334.940 | 933555.7 | 1.0347 mg/L | 0.00118 | 1.0347 mg/L | 0.00118 | 0.11% |
| Ca 227.546 | 55130.5 | 202.22 mg/L | 1.440 | 202.22 mg/L | 1.440 | 0.71% |

Sequence No.: 29

Sample ID: CRI

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 7

Date Collected: 8/2/2007 8:01:18 AM

Data Type: Reprocessed on 8/2/2007 10:40:48 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CRI

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Ag 328.068 | 1432.3 | 0.0101 mg/L | 0.00038 | 0.0101 mg/L | 0.00038 | 3.82% |
| Al 308.215 | 7382.1 | 0.2115 mg/L | 0.00077 | 0.2115 mg/L | 0.00077 | 0.36% |
| As 188.979 | 7.9 | 0.0098 mg/L | 0.00147 | 0.0098 mg/L | 0.00147 | 14.92% |
| Ba 233.527 | 23064.4 | 0.2328 mg/L | 0.00006 | 0.2328 mg/L | 0.00006 | 0.03% |
| Be 313.107 | 12449.0 | 0.0052 mg/L | 0.00002 | 0.0052 mg/L | 0.00002 | 0.39% |
| Co 228.616 | 1512.3 | 0.0549 mg/L | 0.00016 | 0.0549 mg/L | 0.00016 | 0.29% |
| Cr 267.716 | 527.4 | 0.0104 mg/L | 0.00003 | 0.0104 mg/L | 0.00003 | 0.33% |
| Cu 324.752 | 8159.8 | 0.0276 mg/L | 0.00016 | 0.0276 mg/L | 0.00016 | 0.57% |
| Fe 273.955 | 5362.9 | 0.1778 mg/L | 0.00761 | 0.1778 mg/L | 0.00761 | 4.28% |
| Mg 279.077 | 136558.0 | 5.3414 mg/L | 0.03255 | 5.3414 mg/L | 0.03255 | 0.61% |
| Mn 257.610 | 11190.0 | 0.0174 mg/L | 0.00006 | 0.0174 mg/L | 0.00006 | 0.35% |
| Ni 231.604 | 949.3 | 0.0442 mg/L | 0.00024 | 0.0442 mg/L | 0.00024 | 0.54% |
| Pb 220.353 | 99.9 | 0.0193 mg/L | 0.00041 | 0.0193 mg/L | 0.00041 | 2.10% |
| Sb 206.836 | 76.6 | 0.0704 mg/L | 0.00386 | 0.0704 mg/L | 0.00386 | 5.48% |
| Se 196.026 | 28.8 | 0.0406 mg/L | 0.00545 | 0.0406 mg/L | 0.00545 | 13.41% |
| Tl 190.801 | 35.2 | 0.0264 mg/L | 0.00107 | 0.0264 mg/L | 0.00107 | 4.07% |
| V 292.402 | 5623.6 | 0.0537 mg/L | 0.00059 | 0.0537 mg/L | 0.00059 | 1.09% |
| Zn 206.200 | 1941.8 | 0.0757 mg/L | 0.00140 | 0.0757 mg/L | 0.00140 | 1.85% |
| Na 330.237 | 6026.3 | 4.0327 mg/L | 0.05060 | 4.0327 mg/L | 0.05060 | 1.25% |
| Cd 226.502 | 269.9 | 0.0057 mg/L | 0.00016 | 0.0057 mg/L | 0.00016 | 2.84% |
| Ti 334.940 | 143.6 | 0.0002 mg/L | 0.00011 | 0.0002 mg/L | 0.00011 | 51.81% |
| Ca 227.546 | 1343.9 | 5.0415 mg/L | 0.00693 | 5.0415 mg/L | 0.00693 | 0.14% |

Sequence No.: 30

Sample ID: ICSEA

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 5

Date Collected: 8/2/2007 8:04:22 AM

Data Type: Reprocessed on 8/2/2007 10:40:49 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICSEA

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|---------|--------------------------|-------------------|----------|--------------------|----------|-----|
|---------|--------------------------|-------------------|----------|--------------------|----------|-----|

| | | | | | | | |
|--|---------|------------|--------------|---------|--------------|---------|---------|
| Ag | 328.068 | -239.6 | -0.0027 mg/L | 0.00044 | -0.0027 mg/L | 0.00044 | 16.28% |
| Al | 308.215 | 15747024.7 | 452.01 mg/L✓ | 3.754 | 452.01 mg/L | 3.754 | 0.83% |
| As | 188.979 | -11.4 | -0.0037 mg/L | 0.00137 | -0.0037 mg/L | 0.00137 | 37.49% |
| Ba | 233.527 | 322.2 | 0.0021 mg/L | 0.00013 | 0.0021 mg/L | 0.00013 | 6.30% |
| Be | 313.107 | 56.5 | 0.0000 mg/L | 0.00000 | 0.0000 mg/L | 0.00000 | 14.90% |
| Co | 228.616 | 99.7 | 0.0344 mg/L✓ | 0.00017 | 0.0344 mg/L | 0.00017 | 0.51% |
| Cr | 267.716 | -134.8 | -0.0079 mg/L | 0.00000 | -0.0079 mg/L | 0.00000 | 0.03% |
| Cu | 324.752 | -4698.5 | -0.0028 mg/L | 0.00000 | -0.0028 mg/L | 0.00000 | 0.18% |
| Fe | 273.955 | 5919746.8 | 171.58 mg/L✓ | 1.332 | 171.58 mg/L | 1.332 | 0.78% |
| Mg | 279.077 | 11093590.9 | 433.83 mg/L✓ | 3.245 | 433.83 mg/L | 3.245 | 0.75% |
| Mn | 257.610 | 1474.9 | 0.0023 mg/L | 0.00001 | 0.0023 mg/L | 0.00001 | 0.65% |
| Saturated outside survey window (code 6) | | | | | | | |
| Ni | 231.604 | 42.3 | 0.0242 mg/L✓ | 0.00038 | 0.0242 mg/L | 0.00038 | 1.58% |
| Pb | 220.353 | -138.8 | 0.0060 mg/L | 0.00068 | 0.0060 mg/L | 0.00068 | 11.36% |
| Sb | 206.836 | -14.1 | -0.0071 mg/L | 0.00105 | -0.0071 mg/L | 0.00105 | 14.73% |
| Se | 196.026 | -20.2 | 0.0095 mg/L | 0.00323 | 0.0095 mg/L | 0.00323 | 33.99% |
| Tl | 190.801 | -14.3 | 0.0037 mg/L | 0.00505 | 0.0037 mg/L | 0.00505 | 136.79% |
| V | 292.402 | -465.8 | -0.0016 mg/L | 0.00003 | -0.0016 mg/L | 0.00003 | 2.03% |
| Zn | 206.200 | 329.7 | 0.0076 mg/L | 0.00014 | 0.0076 mg/L | 0.00014 | 1.80% |
| Na | 330.237 | 553.4 | -0.4359 mg/L | 0.02226 | -0.4359 mg/L | 0.02226 | 5.11% |
| Cd | 226.502 | 468.1 | 0.0006 mg/L | 0.00010 | 0.0006 mg/L | 0.00010 | 15.50% |
| Ti | 334.940 | -5029.5 | 0.0003 mg/L | 0.00012 | 0.0003 mg/L | 0.00012 | 40.80% |
| Ca | 227.546 | 130443.1 | 486.40 mg/L✓ | 2.570 | 486.40 mg/L | 2.570 | 0.53% |

Sequence No.: 31
 Sample ID: ICSAB
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 6
 Date Collected: 8/2/2007 8:07:37 AM
 Data Type: Reprocessed on 8/2/2007 10:40:49 AM

Initial Sample Vol:
 Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Ag 328.068 | 26676.5 | 0.1871 mg/L✓ | 0.00187 | 0.1871 mg/L | 0.00187 | 1.00% |
| Al 308.215 | 15732387.9 | 451.59 mg/L✓ | 0.931 | 451.59 mg/L | 0.931 | 0.21% |
| As 188.979 | 65.4 | 0.0962 mg/L✓ | 0.00638 | 0.0962 mg/L | 0.00638 | 6.63% |
| Ba 233.527 | 47743.9 | 0.4811 mg/L✓ | 0.00543 | 0.4811 mg/L | 0.00543 | 1.13% |
| Be 313.107 | 1040828.3 | 0.4380 mg/L✓ | 0.00327 | 0.4380 mg/L | 0.00327 | 0.75% |
| Co 228.616 | 11299.1 | 0.4389 mg/L✓ | 0.00256 | 0.4389 mg/L | 0.00256 | 0.58% |
| Cr 267.716 | 21872.2 | 0.4271 mg/L✓ | 0.00181 | 0.4271 mg/L | 0.00181 | 0.42% |
| Cu 324.752 | 137860.9 | 0.4769 mg/L✓ | 0.00534 | 0.4769 mg/L | 0.00534 | 1.12% |
| Fe 273.955 | 5929557.0 | 171.86 mg/L✓ | 0.245 | 171.86 mg/L | 0.245 | 0.14% |
| Mg 279.077 | 11087286.5 | 433.59 mg/L✓ | 0.607 | 433.59 mg/L | 0.607 | 0.14% |
| Mn 257.610 | 289268.6 | 0.4500 mg/L✓ | 0.00335 | 0.4500 mg/L | 0.00335 | 0.74% |
| Ni 231.604 | 17212.8 | 0.8222 mg/L✓ | 0.00582 | 0.8222 mg/L | 0.00582 | 0.71% |
| Pb 220.353 | 85.0 | 0.0490 mg/L✓ | 0.00157 | 0.0490 mg/L | 0.00157 | 3.19% |
| Sb 206.836 | 643.3 | 0.5848 mg/L✓ | 0.00463 | 0.5848 mg/L | 0.00463 | 0.79% |
| Se 196.026 | 8.9 | 0.0508 mg/L✓ | 0.00997 | 0.0508 mg/L | 0.00997 | 19.61% |
| Tl 190.801 | 98.6 | 0.0884 mg/L✓ | 0.00059 | 0.0884 mg/L | 0.00059 | 0.67% |
| V 292.402 | 46321.5 | 0.4460 mg/L✓ | 0.00212 | 0.4460 mg/L | 0.00212 | 0.47% |
| Zn 206.200 | 21492.5 | 0.8338 mg/L✓ | 0.00415 | 0.8338 mg/L | 0.00415 | 0.50% |
| Na 330.237 | 1545.3 | 0.2195 mg/L✓ | 0.05097 | 0.2195 mg/L | 0.05097 | 23.22% |
| Cd 226.502 | 41455.1 | 0.8594 mg/L✓ | 0.00857 | 0.8594 mg/L | 0.00857 | 1.00% |
| Ti 334.940 | -5041.5 | 0.0003 mg/L | 0.00015 | 0.0003 mg/L | 0.00015 | 58.55% |
| Ca 227.546 | 131145.4 | 488.98 mg/L✓ | 5.702 | 488.98 mg/L | 5.702 | 1.17% |

Sequence No.: 32
 Sample ID: CCV
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 3
 Date Collected: 8/2/2007 8:10:50 AM
 Data Type: Reprocessed on 8/2/2007 10:40:50 AM

Initial Sample Vol:
 Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|---------|--------------------------|-------------------|----------|--------------------|----------|-----|
|---------|--------------------------|-------------------|----------|--------------------|----------|-----|



| | | | | | | | |
|----|---------|-----------|-------------|---------|-------------|---------|-------|
| Ag | 328.068 | 170346.4 | 1.2045 mg/L | 0.00016 | 1.2045 mg/L | 0.00016 | 0.01% |
| Al | 308.215 | 348046.4 | 9.9706 mg/L | 0.01337 | 9.9706 mg/L | 0.01337 | 0.13% |
| As | 188.979 | 426.0 | 0.5327 mg/L | 0.00034 | 0.5327 mg/L | 0.00034 | 0.06% |
| Ba | 233.527 | 1054941.5 | 10.647 mg/L | 0.0060 | 10.647 mg/L | 0.0060 | 0.06% |
| Be | 313.107 | 603073.9 | 0.2539 mg/L | 0.00119 | 0.2539 mg/L | 0.00119 | 0.47% |
| Co | 228.616 | 70669.6 | 2.5530 mg/L | 0.01200 | 2.5530 mg/L | 0.01200 | 0.47% |
| Cr | 267.716 | 51736.7 | 1.0220 mg/L | 0.00087 | 1.0220 mg/L | 0.00087 | 0.09% |
| Cu | 324.752 | 376224.0 | 1.2665 mg/L | 0.00160 | 1.2665 mg/L | 0.00160 | 0.13% |
| Fe | 273.955 | 184800.4 | 5.3892 mg/L | 0.01045 | 5.3892 mg/L | 0.01045 | 0.19% |
| Mg | 279.077 | 655361.9 | 25.664 mg/L | 0.0544 | 25.664 mg/L | 0.0544 | 0.21% |
| Mn | 257.610 | 1654605.5 | 2.5741 mg/L | 0.00942 | 2.5741 mg/L | 0.00942 | 0.37% |
| Ni | 231.604 | 55229.0 | 2.5674 mg/L | 0.00045 | 2.5674 mg/L | 0.00045 | 0.02% |
| Pb | 220.353 | 2640.6 | 0.5095 mg/L | 0.00107 | 0.5095 mg/L | 0.00107 | 0.21% |
| Sb | 206.836 | 583.4 | 0.5076 mg/L | 0.00031 | 0.5076 mg/L | 0.00031 | 0.06% |
| Se | 196.026 | 354.8 | 0.5046 mg/L | 0.00588 | 0.5046 mg/L | 0.00588 | 1.16% |
| Tl | 190.801 | 683.5 | 0.5134 mg/L | 0.00091 | 0.5134 mg/L | 0.00091 | 0.18% |
| V | 292.402 | 267141.4 | 2.5535 mg/L | 0.01209 | 2.5535 mg/L | 0.01209 | 0.47% |
| Zn | 206.200 | 67153.9 | 2.6200 mg/L | 0.00338 | 2.6200 mg/L | 0.00338 | 0.13% |
| Na | 330.237 | 35377.2 | 23.670 mg/L | 0.0393 | 23.670 mg/L | 0.0393 | 0.17% |
| Cd | 226.502 | 12317.5 | 0.2589 mg/L | 0.00040 | 0.2589 mg/L | 0.00040 | 0.15% |
| Ti | 334.940 | 538.4 | 0.0008 mg/L | 0.00001 | 0.0008 mg/L | 0.00001 | 1.16% |
| Ca | 227.546 | 6826.1 | 25.363 mg/L | 0.0196 | 25.363 mg/L | 0.0196 | 0.08% |

Sequence No.: 33

Sample ID: CCB

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/2/2007 8:14:02 AM

Data Type: Reprocessed on 8/2/2007 10:40:50 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|--------------|-------|----------|--------------|----------|---------|
| Ag 328.068 | -49.9 | -0.0004 mg/L | | 0.00007 | -0.0004 mg/L | 0.00007 | 17.98% |
| Al 308.215 | 635.1 | 0.0182 mg/L | | 0.00410 | 0.0182 mg/L | 0.00410 | 22.50% |
| As 188.979 | 0.2 | 0.0003 mg/L | | 0.00052 | 0.0003 mg/L | 0.00052 | 190.22% |
| Ba 233.527 | 152.2 | 0.0015 mg/L | | 0.00008 | 0.0015 mg/L | 0.00008 | 4.93% |
| Be 313.107 | 151.1 | 0.0001 mg/L | | 0.00001 | 0.0001 mg/L | 0.00001 | 17.28% |
| Co 228.616 | 16.5 | 0.0006 mg/L | | 0.00003 | 0.0006 mg/L | 0.00003 | 4.98% |
| Cr 267.716 | -8.6 | -0.0002 mg/L | | 0.00014 | -0.0002 mg/L | 0.00014 | 84.90% |
| Cu 324.752 | 169.6 | 0.0006 mg/L | | 0.00006 | 0.0006 mg/L | 0.00006 | 11.10% |
| Fe 273.955 | 434.5 | 0.0123 mg/L | | 0.00228 | 0.0123 mg/L | 0.00228 | 18.44% |
| Mg 279.077 | 738.4 | 0.0289 mg/L | | 0.00401 | 0.0289 mg/L | 0.00401 | 13.87% |
| Mn 257.610 | 208.2 | 0.0003 mg/L | | 0.00005 | 0.0003 mg/L | 0.00005 | 16.53% |
| Ni 231.604 | 6.0 | 0.0003 mg/L | | 0.00003 | 0.0003 mg/L | 0.00003 | 9.60% |
| Pb 220.353 | 1.7 | 0.0003 mg/L | | 0.00068 | 0.0003 mg/L | 0.00068 | 200.34% |
| Sb 206.836 | -0.7 | -0.0006 mg/L | | 0.00059 | -0.0006 mg/L | 0.00059 | 98.64% |
| Se 196.026 | 2.2 | 0.0031 mg/L | | 0.00164 | 0.0031 mg/L | 0.00164 | 53.17% |
| Tl 190.801 | 3.3 | 0.0025 mg/L | | 0.00114 | 0.0025 mg/L | 0.00114 | 46.11% |
| V 292.402 | 39.1 | 0.0004 mg/L | | 0.00036 | 0.0004 mg/L | 0.00036 | 95.66% |
| Zn 206.200 | 2.0 | 0.0001 mg/L | | 0.00034 | 0.0001 mg/L | 0.00034 | 452.30% |
| Na 330.237 | -22.0 | -0.0147 mg/L | | 0.00860 | -0.0147 mg/L | 0.00860 | 58.56% |
| Cd 226.502 | 8.4 | 0.0002 mg/L | | 0.00009 | 0.0002 mg/L | 0.00009 | 52.67% |
| Ti 334.940 | 44.5 | 0.0000 mg/L | | 0.00003 | 0.0000 mg/L | 0.00003 | 65.71% |
| Ca 227.546 | -1.8 | -0.0070 mg/L | | 0.05407 | -0.0070 mg/L | 0.05407 | 767.18% |

Sequence No.: 34

Sample ID: MB-31385,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 126

Date Collected: 8/2/2007 8:17:08 AM

Data Type: Reprocessed on 8/2/2007 10:40:51 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: MB-31385,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|--------------|-------|----------|--------------|----------|--------|
| Ag 328.068 | -31.5 | -0.0002 mg/L | | 0.00009 | -0.0002 mg/L | 0.00009 | 39.22% |

| | | | | | | |
|------------|-------|--------------|---------|--------------|---------|---------|
| Al 308.215 | 297.3 | 0.0085 mg/L | 0.00153 | 0.0085 mg/L | 0.00153 | 17.89% |
| As 188.979 | -0.0 | 0.0000 mg/L | 0.00074 | 0.0000 mg/L | 0.00074 | >999.9% |
| Ba 233.527 | 73.5 | 0.0007 mg/L | 0.00000 | 0.0007 mg/L | 0.00000 | 0.42% |
| Be 313.107 | 16.5 | 0.0000 mg/L | 0.00001 | 0.0000 mg/L | 0.00001 | 92.15% |
| Co 228.616 | 6.3 | 0.0002 mg/L | 0.00002 | 0.0002 mg/L | 0.00002 | 7.11% |
| Cr 267.716 | 5.1 | 0.0001 mg/L | 0.00001 | 0.0001 mg/L | 0.00001 | 13.81% |
| Cu 324.752 | 237.9 | 0.0008 mg/L | 0.00020 | 0.0008 mg/L | 0.00020 | 25.55% |
| Fe 273.955 | 658.9 | 0.0186 mg/L | 0.00061 | 0.0186 mg/L | 0.00061 | 3.29% |
| Mg 279.077 | 185.8 | 0.0073 mg/L | 0.00320 | 0.0073 mg/L | 0.00320 | 43.98% |
| Mn 257.610 | 634.7 | 0.0010 mg/L | 0.00004 | 0.0010 mg/L | 0.00004 | 3.74% |
| Ni 231.604 | 5.0 | 0.0002 mg/L | 0.00004 | 0.0002 mg/L | 0.00004 | 17.52% |
| Pb 220.353 | 33.4 | 0.0064 mg/L | 0.00030 | 0.0064 mg/L | 0.00030 | 4.59% |
| Sb 206.836 | -1.2 | -0.0011 mg/L | 0.00424 | -0.0011 mg/L | 0.00424 | 377.86% |
| Se 196.026 | 4.2 | 0.0060 mg/L | 0.00129 | 0.0060 mg/L | 0.00129 | 21.31% |
| Tl 190.801 | 0.7 | 0.0005 mg/L | 0.00052 | 0.0005 mg/L | 0.00052 | 95.33% |
| V 292.402 | 17.3 | 0.0002 mg/L | 0.00022 | 0.0002 mg/L | 0.00022 | 134.00% |
| Zn 206.200 | 328.2 | 0.0128 mg/L | 0.00073 | 0.0128 mg/L | 0.00073 | 5.73% |
| Na 330.237 | 37.3 | 0.0251 mg/L | 0.05769 | 0.0251 mg/L | 0.05769 | 230.00% |
| Cd 226.502 | 4.6 | 0.0001 mg/L | 0.00002 | 0.0001 mg/L | 0.00002 | 24.06% |
| Ti 334.940 | 74.8 | 0.0001 mg/L | 0.00000 | 0.0001 mg/L | 0.00000 | 2.55% |
| Ca 227.546 | -1.9 | -0.0075 mg/L | 0.03466 | -0.0075 mg/L | 0.03466 | 463.37% |

Sequence No.: 35

Sample ID: LCS-31385,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 127

Date Collected: 8/2/2007 8:20:16 AM

Data Type: Reprocessed on 8/2/2007 10:40:51 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: LCS-31385,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|-------------|-------|----------|-------------|---------|----------|-----|
| Ag 328.068 | 168532.5 | 1.1920 mg/L | ✓ | 0.00044 | 1.1920 mg/L | 0.00044 | 0.04% | |
| Al 308.215 | 339663.5 | 9.7304 mg/L | ✓ | 0.00658 | 9.7304 mg/L | 0.00658 | 0.07% | |
| As 188.979 | 427.9 | 0.5348 mg/L | ✓ | 0.00657 | 0.5348 mg/L | 0.00657 | 1.23% | |
| Ba 233.527 | 1013582.6 | 10.230 mg/L | ✓ | 0.0776 | 10.230 mg/L | 0.0776 | 0.76% | |
| Be 313.107 | 603665.3 | 0.2541 mg/L | ✓ | 0.00309 | 0.2541 mg/L | 0.00309 | 1.21% | |
| Co 228.616 | 69447.8 | 2.5088 mg/L | ✓ | 0.01415 | 2.5088 mg/L | 0.01415 | 0.56% | |
| Cr 267.716 | 50895.7 | 1.0054 mg/L | ✓ | 0.00539 | 1.0054 mg/L | 0.00539 | 0.54% | |
| Cu 324.752 | 377783.5 | 1.2717 mg/L | ✓ | 0.01180 | 1.2717 mg/L | 0.01180 | 0.93% | |
| Fe 273.955 | 179515.5 | 5.2375 mg/L | ✓ | 0.01385 | 5.2375 mg/L | 0.01385 | 0.26% | |
| Mg 279.077 | 645474.4 | 25.277 mg/L | ✓ | 0.2168 | 25.277 mg/L | 0.2168 | 0.86% | |
| Mn 257.610 | 1626970.6 | 2.5311 mg/L | ✓ | 0.02765 | 2.5311 mg/L | 0.02765 | 1.09% | |
| Ni 231.604 | 54571.2 | 2.5368 mg/L | ✓ | 0.00007 | 2.5368 mg/L | 0.00007 | 0.00% | |
| Pb 220.353 | 2646.9 | 0.5107 mg/L | ✓ | 0.00294 | 0.5107 mg/L | 0.00294 | 0.58% | |
| Sb 206.836 | 599.2 | 0.5226 mg/L | ✓ | 0.00547 | 0.5226 mg/L | 0.00547 | 1.05% | |
| Se 196.026 | 363.5 | 0.5170 mg/L | ✓ | 0.00476 | 0.5170 mg/L | 0.00476 | 0.92% | |
| Tl 190.801 | 681.6 | 0.5120 mg/L | ✓ | 0.00300 | 0.5120 mg/L | 0.00300 | 0.59% | |
| V 292.402 | 261935.0 | 2.5038 mg/L | ✓ | 0.04029 | 2.5038 mg/L | 0.04029 | 1.61% | |
| Zn 206.200 | 65293.3 | 2.5475 mg/L | ✓ | 0.00086 | 2.5475 mg/L | 0.00086 | 0.03% | |
| Na 330.237 | 34368.5 | 22.994 mg/L | ✓ | 0.0334 | 22.994 mg/L | 0.0334 | 0.15% | |
| Cd 226.502 | 12451.4 | 0.2617 mg/L | ✓ | 0.00195 | 0.2617 mg/L | 0.00195 | 0.75% | |
| Ti 334.940 | -19.3 | 0.0002 mg/L | ✓ | 0.00000 | 0.0002 mg/L | 0.00000 | 1.59% | |
| Ca 227.546 | 6758.0 | 25.113 mg/L | ✓ | 0.0325 | 25.113 mg/L | 0.0325 | 0.13% | |

Sequence No.: 36

Sample ID: F0936-04B,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 128

Date Collected: 8/2/2007 8:23:30 AM

Data Type: Reprocessed on 8/2/2007 10:40:52 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-04B,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|--------------|-------|----------|--------------|---------|----------|-----|
| Ag 328.068 | 4959.8 | -0.2259 mg/L | | 0.00054 | -0.2259 mg/L | 0.00054 | 0.24% | |
| Al 308.215 | 13920964.0 | 399.59 mg/L | | 1.626 | 399.59 mg/L | 1.626 | 0.41% | |

| | | | | | | | |
|----|---------|------------|---------------|---------|--------------|---------|---------|
| As | 188.979 | 579.7 | 0.7436 mg/L | 0.01786 | 0.7436 mg/L | 0.01786 | 2.40% |
| Ba | 233.527 | 3266151.5 | 32.946 mg/L | 0.0724 | 32.946 mg/L | 0.0724 | 0.22% |
| Be | 313.107 | 58315.8 | 0.0307 mg/L | 0.00002 | 0.0307 mg/L | 0.00002 | 0.06% |
| Co | 228.616 | 14041.2 | 0.5419 mg/L | 0.00680 | 0.5419 mg/L | 0.00680 | 1.26% |
| Cr | 267.716 | 113452.6 | 2.2301 mg/L ✓ | 0.00047 | 2.2301 mg/L | 0.00047 | 0.02% |
| Cu | 324.752 | 6218090.3 | 20.929 mg/L | 0.0921 | 20.929 mg/L | 0.0921 | 0.44% |
| Fe | 273.955 | 48250872.0 | 1366.0 mg/L ✗ | 2.66 | 1366.0 mg/L | 2.66 | 0.19% |
| Mg | 279.077 | 2345711.3 | 91.437 mg/L | 0.1243 | 91.437 mg/L | 0.1243 | 0.14% |
| Mn | 257.610 | 16767311.6 | 26.084 mg/L ✗ | 0.0774 | 26.084 mg/L | 0.0774 | 0.30% |
| Ni | 231.604 | 51413.0 | 2.4154 mg/L | 0.00186 | 2.4154 mg/L | 0.00186 | 0.08% |
| Pb | 220.353 | 376569.1 | 72.586 mg/L ✗ | 0.0636 | 72.586 mg/L | 0.0636 | 0.09% |
| Sb | 206.836 | -205.3 | -0.2444 mg/L | 0.04156 | -0.2444 mg/L | 0.04156 | 17.00% |
| Se | 196.026 | -332.3 | -0.0351 mg/L | 0.05371 | -0.0351 mg/L | 0.05371 | 153.09% |
| Tl | 190.801 | -176.4 | 0.2089 mg/L | 0.00195 | 0.2089 mg/L | 0.00195 | 0.93% |
| V | 292.402 | 127207.6 | 1.2414 mg/L | 0.00100 | 1.2414 mg/L | 0.00100 | 0.08% |
| Zn | 206.200 | 1955925.9 | 76.158 mg/L ✗ | 0.1145 | 76.158 mg/L | 0.1145 | 0.15% |
| Na | 330.237 | 164287.3 | 110.80 mg/L | 0.644 | 110.80 mg/L | 0.644 | 0.58% |
| Cd | 226.502 | 29400.7 | 0.5420 mg/L | 0.00253 | 0.5420 mg/L | 0.00253 | 0.47% |
| Ti | 334.940 | 3038214.5 | 3.3690 mg/L | 0.00100 | 3.3690 mg/L | 0.00100 | 0.03% |
| Ca | 227.546 | 219125.7 | 793.95 mg/L ✗ | 1.715 | 793.95 mg/L | 1.715 | 0.22% |

Sequence No.: 37

Sample ID: F0936-07B,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 129

Date Collected: 8/2/2007 8:26:28 AM

Data Type: Reprocessed on 8/2/2007 10:40:52 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-07B,31385

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD | |
|---------|--------------------------|-------------------|---------------|--------------------|--------------|---------|-------|
| Ag | 328.068 | 501791.5 | 3.5666 mg/L ✗ | 0.02230 | 3.5666 mg/L | 0.02230 | 0.63% |
| Al | 308.215 | 11295842.2 | 324.24 mg/L | 0.238 | 324.24 mg/L | 0.238 | 0.07% |
| As | 188.979 | 676.6 | 0.8490 mg/L | 0.00006 | 0.8490 mg/L | 0.00006 | 0.01% |
| Ba | 233.527 | 3966991.8 | 40.022 mg/L | 0.1068 | 40.022 mg/L | 0.1068 | 0.27% |
| Be | 313.107 | 53786.9 | 0.0310 mg/L | 0.00011 | 0.0310 mg/L | 0.00011 | 0.37% |
| Co | 228.616 | 5924.7 | 0.2450 mg/L | 0.00014 | 0.2450 mg/L | 0.00014 | 0.06% |
| Cr | 267.716 | 48530.6 | 0.9529 mg/L ✓ | 0.00683 | 0.9529 mg/L | 0.00683 | 0.72% |
| Cu | 324.752 | 4984217.7 | 16.784 mg/L | 0.0468 | 16.784 mg/L | 0.0468 | 0.28% |
| Fe | 273.955 | 18853967.9 | 536.30 mg/L ✗ | 0.637 | 536.30 mg/L | 0.637 | 0.12% |
| Mg | 279.077 | 2275308.1 | 88.856 mg/L | 0.1230 | 88.856 mg/L | 0.1230 | 0.14% |
| Mn | 257.610 | 5614557.2 | 8.7344 mg/L | 0.00480 | 8.7344 mg/L | 0.00480 | 0.06% |
| Ni | 231.604 | 15914.7 | 0.7609 mg/L | 0.00143 | 0.7609 mg/L | 0.00143 | 0.19% |
| Pb | 220.353 | 158965.5 | 30.652 mg/L ✓ | 0.0491 | 30.652 mg/L | 0.0491 | 0.16% |
| Sb | 206.836 | -0.2 | -0.0126 mg/L | 0.00110 | -0.0126 mg/L | 0.00110 | 8.75% |
| Se | 196.026 | -65.0 | 0.0572 mg/L | 0.00142 | 0.0572 mg/L | 0.00142 | 2.48% |
| Tl | 190.801 | -37.7 | 0.0904 mg/L | 0.00038 | 0.0904 mg/L | 0.00038 | 0.42% |
| V | 292.402 | 84202.8 | 0.8132 mg/L | 0.00510 | 0.8132 mg/L | 0.00510 | 0.63% |
| Zn | 206.200 | 628436.7 | 24.466 mg/L | 0.0038 | 24.466 mg/L | 0.0038 | 0.02% |
| Na | 330.237 | 204091.3 | 137.03 mg/L | 0.233 | 137.03 mg/L | 0.233 | 0.17% |
| Cd | 226.502 | 4717.7 | 0.0699 mg/L | 0.00065 | 0.0699 mg/L | 0.00065 | 0.92% |
| Ti | 334.940 | 4162888.7 | 4.6117 mg/L | 0.00907 | 4.6117 mg/L | 0.00907 | 0.20% |
| Ca | 227.546 | 196334.8 | 726.07 mg/L ✗ | 2.207 | 726.07 mg/L | 2.207 | 0.30% |

Sequence No.: 38

Sample ID: F0936-08B,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 130

Date Collected: 8/2/2007 8:29:49 AM

Data Type: Reprocessed on 8/2/2007 10:40:53 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-08B,31385

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD | |
|---------|--------------------------|-------------------|---------------|--------------------|-------------|---------|-------|
| Ag | 328.068 | 444766.2 | 3.1676 mg/L ✗ | 0.02295 | 3.1676 mg/L | 0.02295 | 0.72% |
| Al | 308.215 | 8021320.2 | 230.24 mg/L | 0.808 | 230.24 mg/L | 0.808 | 0.35% |
| As | 188.979 | 475.5 | 0.5971 mg/L | 0.00418 | 0.5971 mg/L | 0.00418 | 0.70% |

| | | | | | | |
|------------|------------|--------------|---------|-------------|---------|--------|
| Ba 233.527 | 2948287.6 | 29.745 mg/L | 0.0176 | 29.745 mg/L | 0.0176 | 0.06% |
| Be 313.107 | 36209.7 | 0.0219 mg/L | 0.00015 | 0.0219 mg/L | 0.00015 | 0.70% |
| Co 228.616 | 4453.4 | 0.1824 mg/L | 0.00076 | 0.1824 mg/L | 0.00076 | 0.42% |
| Cr 267.716 | 35626.8 | 0.6995 mg/L | 0.00613 | 0.6995 mg/L | 0.00613 | 0.88% |
| Cu 324.752 | 3431696.4 | 11.556 mg/L | 0.0237 | 11.556 mg/L | 0.0237 | 0.21% |
| Fe 273.955 | 14545363.4 | 413.52 mg/L* | 1.164 | 413.52 mg/L | 1.164 | 0.28% |
| Mg 279.077 | 1782839.1 | 69.627 mg/L | 0.5051 | 69.627 mg/L | 0.5051 | 0.73% |
| Mn 257.610 | 4414181.3 | 6.8670 mg/L | 0.03117 | 6.8670 mg/L | 0.03117 | 0.45% |
| Ni 231.604 | 11779.9 | 0.5626 mg/L | 0.00033 | 0.5626 mg/L | 0.00033 | 0.06% |
| Pb 220.353 | 116055.1 | 22.378 mg/L✓ | 0.1643 | 22.378 mg/L | 0.1643 | 0.73% |
| Sb 206.836 | 46.0 | 0.0338 mg/L | 0.00315 | 0.0338 mg/L | 0.00315 | 9.34% |
| Se 196.026 | -39.3 | 0.0607 mg/L | 0.01370 | 0.0607 mg/L | 0.01370 | 22.58% |
| Tl 190.801 | -25.6 | 0.0740 mg/L | 0.00111 | 0.0740 mg/L | 0.00111 | 1.50% |
| V 292.402 | 60531.0 | 0.5852 mg/L | 0.00518 | 0.5852 mg/L | 0.00518 | 0.89% |
| Zn 206.200 | 449028.8 | 17.481 mg/L | 0.1211 | 17.481 mg/L | 0.1211 | 0.69% |
| Na 330.237 | 143431.2 | 96.404 mg/L | 0.9131 | 96.404 mg/L | 0.9131 | 0.95% |
| Cd 226.502 | 3266.3 | 0.0461 mg/L | 0.00073 | 0.0461 mg/L | 0.00073 | 1.58% |
| Ti 334.940 | 3342104.0 | 3.7018 mg/L | 0.01035 | 3.7018 mg/L | 0.01035 | 0.28% |
| Ca 227.546 | 143326.5 | 529.57 mg/L* | 4.357 | 529.57 mg/L | 4.357 | 0.82% |

Sequence No.: 39

Autosampler Location: 131

Sample ID: F0936-12B,31385

Date Collected: 8/2/2007 8:33:10 AM

Analyst:

Data Type: Reprocessed on 8/2/2007 10:40:53 AM

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-12B,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Std.Dev. | Sample | | | |
|------------|--------------------------|--------------|----------|--------------|----------|---------|--|
| | | | | Conc. Units | Std.Dev. | RSD | |
| Ag 328.068 | -9.8 | -0.0001 mg/L | 0.00025 | -0.0001 mg/L | 0.00025 | 312.49% | |
| Al 308.215 | 280.6 | 0.0081 mg/L | 0.00217 | 0.0081 mg/L | 0.00217 | 26.95% | |
| As 188.979 | -1.1 | -0.0013 mg/L | 0.00100 | -0.0013 mg/L | 0.00100 | 75.38% | |
| Ba 233.527 | 287.9 | 0.0029 mg/L | 0.00029 | 0.0029 mg/L | 0.00029 | 10.00% | |
| Be 313.107 | 22.2 | 0.0000 mg/L | 0.00000 | 0.0000 mg/L | 0.00000 | 0.91% | |
| Co 228.616 | 2.6 | 0.0001 mg/L | 0.00012 | 0.0001 mg/L | 0.00012 | 130.41% | |
| Cr 267.716 | 5.3 | 0.0001 mg/L | 0.00007 | 0.0001 mg/L | 0.00007 | 69.19% | |
| Cu 324.752 | 1308.8 | 0.0044 mg/L | 0.00030 | 0.0044 mg/L | 0.00030 | 6.70% | |
| Fe 273.955 | 1822.0 | 0.0515 mg/L | 0.00713 | 0.0515 mg/L | 0.00713 | 13.85% | |
| Mg 279.077 | 86.2 | 0.0034 mg/L | 0.00130 | 0.0034 mg/L | 0.00130 | 38.62% | |
| Mn 257.610 | 634.7 | 0.0010 mg/L | 0.00008 | 0.0010 mg/L | 0.00008 | 7.83% | |
| Ni 231.604 | 2.1 | 0.0001 mg/L | 0.00008 | 0.0001 mg/L | 0.00008 | 76.73% | |
| Pb 220.353 | 219.9 | 0.0424 mg/L | 0.00343 | 0.0424 mg/L | 0.00343 | 8.09% | |
| Sb 206.836 | -3.0 | -0.0028 mg/L | 0.00102 | -0.0028 mg/L | 0.00102 | 36.63% | |
| Se 196.026 | 1.9 | 0.0028 mg/L | 0.00171 | 0.0028 mg/L | 0.00171 | 61.23% | |
| Tl 190.801 | 2.4 | 0.0018 mg/L | 0.00353 | 0.0018 mg/L | 0.00353 | 192.43% | |
| V 292.402 | -2.3 | 0.0000 mg/L | 0.00012 | 0.0000 mg/L | 0.00012 | 568.04% | |
| Zn 206.200 | 1272.8 | 0.0496 mg/L | 0.00272 | 0.0496 mg/L | 0.00272 | 5.49% | |
| Na 330.237 | 125.1 | 0.0841 mg/L | 0.02258 | 0.0841 mg/L | 0.02258 | 26.85% | |
| Cd 226.502 | 5.3 | 0.0001 mg/L | 0.00003 | 0.0001 mg/L | 0.00003 | 25.11% | |
| Ti 334.940 | 595.6 | 0.0007 mg/L | 0.00012 | 0.0007 mg/L | 0.00012 | 17.62% | |
| Ca 227.546 | 3.6 | 0.0124 mg/L | 0.03362 | 0.0124 mg/L | 0.03362 | 270.88% | |

Sequence No.: 40

Autosampler Location: 131

Sample ID: F0936-12B,31385

Date Collected: 8/2/2007 8:37:02 AM

Analyst:

Data Type: Reprocessed on 8/2/2007 10:40:54 AM

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-12B,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Std.Dev. | Sample | | | |
|------------|--------------------------|--------------|----------|--------------|----------|--------|--|
| | | | | Conc. Units | Std.Dev. | RSD | |
| Ag 328.068 | 18475.9 | -0.1191 mg/L | 0.00108 | -0.1191 mg/L | 0.00108 | 0.90% | |
| Al 308.215 | 59218067.0 | 1699.8 mg/L* | 5.48 | 1699.8 mg/L | 5.48 | 0.32% | |
| As 188.979 | 141.8 | 0.2643 mg/L | 0.02850 | 0.2643 mg/L | 0.02850 | 10.79% | |
| Ba 233.527 | 1027036.6 | 10.357 mg/L | 0.0246 | 10.357 mg/L | 0.0246 | 0.24% | |

| | | | | | | |
|------------|------------|--------------|---------|--------------|---------|--------|
| Be 313.107 | 359028.0 | 0.1517 mg/L | 0.00043 | 0.1517 mg/L | 0.00043 | 0.29% |
| Co 228.616 | 44198.0 | 1.7143 mg/L | 0.02558 | 1.7143 mg/L | 0.02558 | 1.49% |
| Cr 267.716 | 173921.8 | 3.4330 mg/L | 0.00691 | 3.4330 mg/L | 0.00691 | 0.20% |
| Cu 324.752 | 13763669.1 | 46.346 mg/L | 0.0927 | 46.346 mg/L | 0.0927 | 0.20% |
| Fe 273.955 | 53926282.1 | 1537.6 mg/L | 0.76 | 1537.6 mg/L | 0.76 | 0.05% |
| Mg 279.077 | 12581062.3 | 491.40 mg/L | 1.949 | 491.40 mg/L | 1.949 | 0.40% |
| Mn 257.610 | Saturated2 | | | | | |
| Ni 231.604 | 95469.1 | 4.5232 mg/L | 0.01773 | 4.5232 mg/L | 0.01773 | 0.39% |
| Pb 220.353 | 575991.2 | 111.10 mg/L | 0.338 | 111.10 mg/L | 0.338 | 0.30% |
| Sb 206.836 | -233.7 | -0.3040 mg/L | 0.01163 | -0.3040 mg/L | 0.01163 | 3.83% |
| Se 196.026 | -722.5 | -0.5491 mg/L | 0.01521 | -0.5491 mg/L | 0.01521 | 2.77% |
| Tl 190.801 | -308.1 | 0.0279 mg/L | 0.02691 | 0.0279 mg/L | 0.02691 | 96.50% |
| V 292.402 | 446997.3 | 4.2962 mg/L | 0.00656 | 4.2962 mg/L | 0.00656 | 0.15% |
| Zn 206.200 | 1801860.1 | 70.137 mg/L | 0.1326 | 70.137 mg/L | 0.1326 | 0.19% |
| Na 330.237 | 295494.3 | 195.94 mg/L | 0.611 | 195.94 mg/L | 0.611 | 0.31% |
| Cd 226.502 | 32977.8 | 0.6091 mg/L | 0.00278 | 0.6091 mg/L | 0.00278 | 0.46% |
| Ti 334.940 | 251919.4 | 0.3019 mg/L | 0.00095 | 0.3019 mg/L | 0.00095 | 0.32% |
| Ca 227.546 | 529444.4 | 1955.8 mg/L | 9.24 | 1955.8 mg/L | 9.24 | 0.47% |

Sequence No.: 41

Autosampler Location: 132

Sample ID: F0936-12BDUP,31385

Date Collected: 8/2/2007 8:40:06 AM

Analyst:

Data Type: Reprocessed on 8/2/2007 10:40:54 AM

Logged In Analyst (Original) : optima3

Initial Sample Vol:

Initial Sample Wt:

Sample Prep Vol:

Dilution:

Mean Data: F0936-12BDUP,31385

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | 15556.0 | -0.1411 mg/L | 0.00006 | -0.1411 mg/L | 0.00006 | 0.04% |
| Al 308.215 | 59151481.8 | 1697.9 mg/L | 0.72 | 1697.9 mg/L | 0.72 | 0.04% |
| As 188.979 | 117.7 | 0.2366 mg/L | 0.03783 | 0.2366 mg/L | 0.03783 | 15.98% |
| Ba 233.527 | 988624.7 | 9.9693 mg/L | 0.01225 | 9.9693 mg/L | 0.01225 | 0.12% |
| Be 313.107 | 359640.6 | 0.1520 mg/L | 0.00026 | 0.1520 mg/L | 0.00026 | 0.17% |
| Co 228.616 | 44377.2 | 1.7205 mg/L | 0.00452 | 1.7205 mg/L | 0.00452 | 0.26% |
| Cr 267.716 | 179785.8 | 3.5489 mg/L | 0.00859 | 3.5489 mg/L | 0.00859 | 0.24% |
| Cu 324.752 | 13691662.8 | 46.104 mg/L | 0.0004 | 46.104 mg/L | 0.0004 | 0.00% |
| Fe 273.955 | 54124382.8 | 1543.1 mg/L | 0.12 | 1543.1 mg/L | 0.12 | 0.01% |
| Mg 279.077 | 12619413.7 | 492.90 mg/L | 0.124 | 492.90 mg/L | 0.124 | 0.03% |
| Mn 257.610 | Saturated2 | | | | | |
| Ni 231.604 | 95832.4 | 4.5400 mg/L | 0.01819 | 4.5400 mg/L | 0.01819 | 0.40% |
| Pb 220.353 | 580378.1 | 111.95 mg/L | 0.213 | 111.95 mg/L | 0.213 | 0.19% |
| Sb 206.836 | -202.1 | -0.2790 mg/L | 0.02055 | -0.2790 mg/L | 0.02055 | 7.36% |
| Se 196.026 | -750.1 | -0.5862 mg/L | 0.00465 | -0.5862 mg/L | 0.00465 | 0.79% |
| Tl 190.801 | -350.4 | -0.0022 mg/L | 0.03434 | -0.0022 mg/L | 0.03434 | >999.9% |
| V 292.402 | 440783.2 | 4.2372 mg/L | 0.00774 | 4.2372 mg/L | 0.00774 | 0.18% |
| Zn 206.200 | 1819360.0 | 70.819 mg/L | 0.0872 | 70.819 mg/L | 0.0872 | 0.12% |
| Na 330.237 | 295382.6 | 195.87 mg/L | 0.353 | 195.87 mg/L | 0.353 | 0.18% |
| Cd 226.502 | 33125.0 | 0.6119 mg/L | 0.00067 | 0.6119 mg/L | 0.00067 | 0.11% |
| Ti 334.940 | 247600.2 | 0.2971 mg/L | 0.00081 | 0.2971 mg/L | 0.00081 | 0.27% |
| Ca 227.546 | 528533.0 | 1952.3 mg/L | 0.71 | 1952.3 mg/L | 0.71 | 0.04% |

Sequence No.: 42

Autosampler Location: 24

Sample ID: F0936-12BMS,31385

Date Collected: 8/2/2007 8:43:10 AM

Analyst:

Data Type: Reprocessed on 8/2/2007 10:40:55 AM

Logged In Analyst (Original) : optima3

Initial Sample Vol:

Initial Sample Wt:

Sample Prep Vol:

Dilution:

Mean Data: F0936-12BMS,31385

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Ag 328.068 | 26974.7 | 0.0280 mg/L | 0.00071 | 0.0280 mg/L | 0.00071 | 2.55% |
| Al 308.215 | 59860174.9 | 1718.3 mg/L | 1.29 | 1718.3 mg/L | 1.29 | 0.08% |
| As 188.979 | -49.5 | 0.0376 mg/L | 0.00542 | 0.0376 mg/L | 0.00542 | 14.40% |
| Ba 233.527 | 2126340.0 | 21.444 mg/L | 0.0077 | 21.444 mg/L | 0.0077 | 0.04% |
| Be 313.107 | 467699.6 | 0.1971 mg/L | 0.00001 | 0.1971 mg/L | 0.00001 | 0.00% |

| | | | | | | |
|------------|------------|------------------|---------|--------------|---------|--------|
| Co 228.616 | 56734.9 | 2.1677 mg/L ✓ | 0.02055 | 2.1677 mg/L | 0.02055 | 0.95% |
| Cr 267.716 | 188056.3 | 3.7075 mg/L ✗ | 0.00739 | 3.7075 mg/L | 0.00739 | 0.20% |
| Cu 324.752 | 14177307.1 | 47.739 mg/L ✗ | 0.0433 | 47.739 mg/L | 0.0433 | 0.09% |
| Fe 273.955 | 49439523.5 | 1411.2 mg/L ✗ | 0.99 | 1411.2 mg/L | 0.99 | 0.07% |
| Mg 279.077 | 13648822.4 | 533.22 mg/L | 0.354 | 533.22 mg/L | 0.354 | 0.07% |
| Mn 257.610 | Saturated2 | | | | | |
| Ni 231.604 | 113920.3 | 5.3813 mg/L ✗ ✗ | 0.01386 | 5.3813 mg/L | 0.01386 | 0.26% |
| Pb 220.353 | 628835.5 | 121.29 mg/L ✗ ✗ | 0.082 | 121.29 mg/L | 0.082 | 0.07% |
| Sb 206.836 | -160.2 | -0.2524 mg/L ✗ ✗ | 0.02519 | -0.2524 mg/L | 0.02519 | 9.98% |
| Se 196.026 | -535.9 | -0.3300 mg/L ✗ ✗ | 0.02409 | -0.3300 mg/L | 0.02409 | 7.30% |
| Tl 190.801 | -186.9 | 0.0881 mg/L ✓ | 0.01702 | 0.0881 mg/L | 0.01702 | 19.31% |
| V 292.402 | -4824.6 | -0.0210 mg/L ✗ | 0.00146 | -0.0210 mg/L | 0.00146 | 6.94% |
| Zn 206.200 | 2011444.4 | 78.299 mg/L ✓ | 0.0419 | 78.299 mg/L | 0.0419 | 0.05% |
| Na 330.237 | 306683.3 | 203.30 mg/L | 0.195 | 203.30 mg/L | 0.195 | 0.10% |
| Cd 226.502 | 31099.3 | 0.5771 mg/L ✗ | 0.00099 | 0.5771 mg/L | 0.00099 | 0.17% |
| Ti 334.940 | 130639.7 | 0.1677 mg/L | 0.00380 | 0.1677 mg/L | 0.00380 | 2.26% |
| Ca 227.546 | 528155.7 | 1953.7 mg/L | 3.12 | 1953.7 mg/L | 3.12 | 0.16% |

Sequence No.: 43

Autosampler Location: 133

Sample ID: F0936-12BSD,31385

Date Collected: 8/2/2007 8:46:13 AM

Analyst:

Data Type: Reprocessed on 8/2/2007 10:40:55 AM

Logged In Analyst (Original) : optima3

Initial Sample Vol:

Initial Sample Wt:

Sample Prep Vol:

Dilution:

Mean Data: F0936-12BSD,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|--------------|-------|----------|--------------|----------|---------|
| Ag 328.068 | 4603.7 | -0.1618 mg/L | | 0.00202 | -0.1618 mg/L | 0.00202 | 1.25% |
| Al 308.215 | 19703857.9 | 565.58 mg/L | | 3.625 | 565.58 mg/L | 3.625 | 0.64% |
| As 188.979 | 41.0 | 0.0701 mg/L | | 0.01395 | 0.0701 mg/L | 0.01395 | 19.89% |
| Ba 233.527 | 324031.0 | 3.2642 mg/L | | 0.00547 | 3.2642 mg/L | 0.00547 | 0.17% |
| Be 313.107 | 108785.5 | 0.0460 mg/L | | 0.00025 | 0.0460 mg/L | 0.00025 | 0.54% |
| Co 228.616 | 15152.9 | 0.5711 mg/L | | 0.00147 | 0.5711 mg/L | 0.00147 | 0.26% |
| Cr 267.716 | 53340.8 | 1.0388 mg/L | | 0.00532 | 1.0388 mg/L | 0.00532 | 0.51% |
| Cu 324.752 | 3329579.2 | 11.205 mg/L | | 0.0341 | 11.205 mg/L | 0.0341 | 0.30% |
| Fe 273.955 | 33499557.2 | 949.48 mg/L | | 3.743 | 949.48 mg/L | 3.743 | 0.39% |
| Mg 279.077 | 4351146.9 | 170.01 mg/L | | 0.262 | 170.01 mg/L | 0.262 | 0.15% |
| Mn 257.610 | 13510491.9 | 21.018 mg/L | | 0.1063 | 21.018 mg/L | 0.1063 | 0.51% |
| Ni 231.604 | 32303.1 | 1.5255 mg/L | | 0.01398 | 1.5255 mg/L | 0.01398 | 0.92% |
| Pb 220.353 | 205134.5 | 39.561 mg/L | | 0.2197 | 39.561 mg/L | 0.2197 | 0.56% |
| Sb 206.836 | -126.9 | -0.1471 mg/L | | 0.00025 | -0.1471 mg/L | 0.00025 | 0.17% |
| Se 196.026 | -194.8 | 0.0389 mg/L | | 0.04070 | 0.0389 mg/L | 0.04070 | 104.64% |
| Tl 190.801 | -76.7 | 0.1630 mg/L | | 0.00214 | 0.1630 mg/L | 0.00214 | 1.31% |
| V 292.402 | 129371.4 | 1.2540 mg/L | | 0.00777 | 1.2540 mg/L | 0.00777 | 0.62% |
| Zn 206.200 | 800353.7 | 31.158 mg/L | | 0.1323 | 31.158 mg/L | 0.1323 | 0.42% |
| Na 330.237 | 70344.1 | 47.310 mg/L | | 0.0264 | 47.310 mg/L | 0.0264 | 0.06% |
| Cd 226.502 | 9509.8 | 0.1479 mg/L | | 0.00054 | 0.1479 mg/L | 0.00054 | 0.37% |
| Ti 334.940 | 70347.1 | 0.0832 mg/L | | 0.00001 | 0.0832 mg/L | 0.00001 | 0.01% |
| Ca 227.546 | 124207.4 | 446.33 mg/L | | 1.313 | 446.33 mg/L | 1.313 | 0.29% |

Sequence No.: 44

Autosampler Location: 3

Sample ID: CCV

Date Collected: 8/2/2007 8:49:03 AM

Analyst:

Data Type: Reprocessed on 8/2/2007 10:40:55 AM

Logged In Analyst (Original) : optima3

Initial Sample Vol:

Initial Sample Wt:

Sample Prep Vol:

Dilution:

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|---------------|-------|----------|-------------|----------|-------|
| Ag 328.068 | 170594.4 | 1.2063 mg/L ✓ | | 0.00832 | 1.2063 mg/L | 0.00832 | 0.69% |
| Al 308.215 | 347974.5 | 9.9686 mg/L ✓ | | 0.05503 | 9.9686 mg/L | 0.05503 | 0.55% |
| As 188.979 | 441.8 | 0.5519 mg/L ✓ | | 0.00797 | 0.5519 mg/L | 0.00797 | 1.44% |
| Ba 233.527 | 1073106.1 | 10.830 mg/L ✓ | | 0.0130 | 10.830 mg/L | 0.0130 | 0.12% |
| Be 313.107 | 609995.4 | 0.2568 mg/L ✓ | | 0.00002 | 0.2568 mg/L | 0.00002 | 0.01% |
| Co 228.616 | 71559.8 | 2.5851 mg/L ✓ | | 0.00335 | 2.5851 mg/L | 0.00335 | 0.13% |

JW 8/2/07



| | | | | | | |
|------------|-----------|-------------|---------|-------------|---------|-------|
| Cr 267.716 | 51932.7 | 1.0259 mg/L | 0.00617 | 1.0259 mg/L | 0.00617 | 0.60% |
| Cu 324.752 | 382656.6 | 1.2881 mg/L | 0.00029 | 1.2881 mg/L | 0.00029 | 0.02% |
| Fe 273.955 | 188107.5 | 5.4835 mg/L | 0.01718 | 5.4835 mg/L | 0.01718 | 0.31% |
| Mg 279.077 | 665843.2 | 26.074 mg/L | 0.0453 | 26.074 mg/L | 0.0453 | 0.17% |
| Mn 257.610 | 1675641.0 | 2.6068 mg/L | 0.00569 | 2.6068 mg/L | 0.00569 | 0.22% |
| Ni 231.604 | 55829.8 | 2.5953 mg/L | 0.01281 | 2.5953 mg/L | 0.01281 | 0.49% |
| Pb 220.353 | 3222.9 | 0.6217 mg/L | 0.0012 | 0.6217 mg/L | 0.00022 | 0.04% |
| Sb 206.836 | 601.4 | 0.5241 mg/L | 0.00598 | 0.5241 mg/L | 0.00598 | 1.14% |
| Se 196.026 | 363.9 | 0.5176 mg/L | 0.00666 | 0.5176 mg/L | 0.00666 | 1.29% |
| Tl 190.801 | 698.6 | 0.5247 mg/L | 0.00275 | 0.5247 mg/L | 0.00275 | 0.52% |
| V 292.402 | 267612.6 | 2.5580 mg/L | 0.00178 | 2.5580 mg/L | 0.00178 | 0.07% |
| Zn 206.200 | 70609.8 | 2.7546 mg/L | 0.01257 | 2.7546 mg/L | 0.01257 | 0.46% |
| Na 330.237 | 35816.5 | 23.964 mg/L | 0.2051 | 23.964 mg/L | 0.2051 | 0.86% |
| Cd 226.502 | 12554.6 | 0.2639 mg/L | 0.00166 | 0.2639 mg/L | 0.00166 | 0.63% |
| Ti 334.940 | 630.3 | 0.0009 mg/L | 0.00000 | 0.0009 mg/L | 0.00000 | 0.09% |
| Ca 227.546 | 6873.8 | 25.539 mg/L | 0.1168 | 25.539 mg/L | 0.1168 | 0.46% |

Sequence No.: 45

Sample ID: CCV

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/2/2007 8:55:15 AM

Data Type: Reprocessed on 8/2/2007 10:40:56 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample Std.Dev. | RSD |
|------------|--------------------------|-------------|-------|----------|-------------|-----------------|--------|
| Ag 328.068 | 170929.7 | 1.2086 mg/L | ✓ | 0.00386 | 1.2086 mg/L | 0.00386 | 0.32% |
| Al 308.215 | 348277.2 | 9.9771 mg/L | ✓ | 0.04845 | 9.9771 mg/L | 0.04845 | 0.49% |
| As 188.979 | 440.7 | 0.5507 mg/L | ✓ | 0.00221 | 0.5507 mg/L | 0.00221 | 0.40% |
| Ba 233.527 | 1073520.3 | 10.835 mg/L | ✓ | 0.0161 | 10.835 mg/L | 0.0161 | 0.15% |
| Be 313.107 | 610851.7 | 0.2571 mg/L | ✓ | 0.00035 | 0.2571 mg/L | 0.00035 | 0.14% |
| Co 228.616 | 72214.5 | 2.6088 mg/L | ✓ | 0.00653 | 2.6088 mg/L | 0.00653 | 0.25% |
| Cr 267.716 | 52211.3 | 1.0314 mg/L | ✓ | 0.00032 | 1.0314 mg/L | 0.00032 | 0.03% |
| Cu 324.752 | 380894.9 | 1.2822 mg/L | ✓ | 0.00229 | 1.2822 mg/L | 0.00229 | 0.18% |
| Fe 273.955 | 186752.0 | 5.4457 mg/L | ✓ | 0.03018 | 5.4457 mg/L | 0.03018 | 0.55% |
| Mg 279.077 | 668349.9 | 26.172 mg/L | ✓ | 0.0329 | 26.172 mg/L | 0.0329 | 0.13% |
| Mn 257.610 | 1677866.9 | 2.6103 mg/L | ✓ | 0.00302 | 2.6103 mg/L | 0.00302 | 0.12% |
| Ni 231.604 | 56130.1 | 2.6093 mg/L | ✓ | 0.00486 | 2.6093 mg/L | 0.00486 | 0.19% |
| Pb 220.353 | 2964.1 | 0.5718 mg/L | ✓ | 0.00215 | 0.5718 mg/L | 0.00215 | 0.38% |
| Sb 206.836 | 599.0 | 0.5216 mg/L | ✓ | 0.00094 | 0.5216 mg/L | 0.00094 | 0.18% |
| Se 196.026 | 366.4 | 0.5212 mg/L | ✓ | 0.00828 | 0.5212 mg/L | 0.00828 | 1.59% |
| Tl 190.801 | 697.6 | 0.5240 mg/L | ✓ | 0.00145 | 0.5240 mg/L | 0.00145 | 0.28% |
| V 292.402 | 268726.1 | 2.5687 mg/L | ✓ | 0.00864 | 2.5687 mg/L | 0.00864 | 0.34% |
| Zn 206.200 | 69808.1 | 2.7234 mg/L | ✓ | 0.00829 | 2.7234 mg/L | 0.00829 | 0.30% |
| Na 330.237 | 35883.1 | 24.009 mg/L | ✓ | 0.0985 | 24.009 mg/L | 0.0985 | 0.41% |
| Cd 226.502 | 12560.5 | 0.2640 mg/L | ✓ | 0.00042 | 0.2640 mg/L | 0.00042 | 0.16% |
| Ti 334.940 | 599.8 | 0.0009 mg/L | ✓ | 0.00016 | 0.0009 mg/L | 0.00016 | 19.04% |
| Ca 227.546 | 6887.7 | 25.591 mg/L | ✓ | 0.0160 | 25.591 mg/L | 0.0160 | 0.06% |

Sequence No.: 46

Sample ID: CCB

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/2/2007 8:58:27 AM

Data Type: Reprocessed on 8/2/2007 10:40:56 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample Std.Dev. | RSD |
|------------|--------------------------|--------------|-------|----------|--------------|-----------------|---------|
| Ag 328.068 | -28.9 | -0.0002 mg/L | | 0.00026 | -0.0002 mg/L | 0.00026 | 122.25% |
| Al 308.215 | 70.8 | 0.0020 mg/L | | 0.00207 | 0.0020 mg/L | 0.00207 | 101.95% |
| As 188.979 | 0.3 | 0.0004 mg/L | | 0.00193 | 0.0004 mg/L | 0.00193 | 484.99% |
| Ba 233.527 | 57.3 | 0.0006 mg/L | | 0.00004 | 0.0006 mg/L | 0.00004 | 6.41% |
| Be 313.107 | 16.1 | 0.0000 mg/L | | 0.00001 | 0.0000 mg/L | 0.00001 | 83.67% |
| Co 228.616 | 2.6 | 0.0001 mg/L | | 0.00001 | 0.0001 mg/L | 0.00001 | 12.78% |
| Cr 267.716 | -2.6 | -0.0001 mg/L | | 0.00003 | -0.0001 mg/L | 0.00003 | 65.55% |

| | | | | | | |
|------------|--------|--------------|---------|--------------|---------|---------|
| Cu 324.752 | 606.1 | 0.0020 mg/L | 0.00012 | 0.0020 mg/L | 0.00012 | 5.70% |
| Fe 273.955 | 1217.6 | 0.0345 mg/L | 0.00139 | 0.0345 mg/L | 0.00139 | 4.03% |
| Mg 279.077 | 103.8 | 0.0041 mg/L | 0.00263 | 0.0041 mg/L | 0.00263 | 64.91% |
| Mn 257.610 | 416.1 | 0.0006 mg/L | 0.00004 | 0.0006 mg/L | 0.00004 | 6.81% |
| Ni 231.604 | 1.0 | 0.0000 mg/L | 0.00008 | 0.0000 mg/L | 0.00008 | 179.99% |
| Pb 220.353 | 139.5 | 0.0269 mg/L | 0.00064 | 0.0269 mg/L | 0.00064 | 2.39% |
| Sb 206.836 | 0.8 | 0.0007 mg/L | 0.00259 | 0.0007 mg/L | 0.00259 | 359.52% |
| Se 196.026 | 2.5 | 0.0036 mg/L | 0.00056 | 0.0036 mg/L | 0.00056 | 15.47% |
| Tl 190.801 | -0.4 | -0.0003 mg/L | 0.00172 | -0.0003 mg/L | 0.00172 | 572.51% |
| V 292.402 | 7.9 | 0.0001 mg/L | 0.00012 | 0.0001 mg/L | 0.00012 | 151.65% |
| Zn 206.200 | 281.2 | 0.0109 mg/L | 0.00046 | 0.0109 mg/L | 0.00046 | 4.19% |
| Na 330.237 | -243.6 | -0.1634 mg/L | 0.04829 | -0.1634 mg/L | 0.04829 | 29.55% |
| Cd 226.502 | 16.2 | 0.0003 mg/L | 0.00015 | 0.0003 mg/L | 0.00015 | 43.95% |
| Ti 334.940 | 42.7 | 0.0000 mg/L | 0.00008 | 0.0000 mg/L | 0.00008 | 168.00% |
| Ca 227.546 | 7.5 | 0.0273 mg/L | 0.03550 | 0.0273 mg/L | 0.03550 | 130.02% |

Sequence No.: 47

Sample ID: F0936-12BPDS,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 25

Date Collected: 8/2/2007 9:01:33 AM

Data Type: Reprocessed on 8/2/2007 10:40:57 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-12BPDS,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|--------------|---------|----------|--------------------|----------|--------|
| Ag 328.068 | 20677.5 | -0.1123 mg/L | 0.00272 | 0.00272 | -0.1123 mg/L | 0.00272 | 2.42% |
| Al 308.215 | 58498836.9 | 1679.2 mg/L | 8.42 | 8.42 | 1679.2 mg/L | 8.42 | 0.50% |
| As 188.979 | 157.6 | 0.2826 mg/L | 0.01586 | 0.01586 | 0.2826 mg/L | 0.01586 | 5.61% |
| Ba 233.527 | 1020644.7 | 10.292 mg/L | 0.0664 | 0.0664 | 10.292 mg/L | 0.0664 | 0.65% |
| Be 313.107 | 373631.5 | 0.1579 mg/L | 0.00128 | 0.00128 | 0.1579 mg/L | 0.00128 | 0.81% |
| Co 228.616 | 45409.3 | 1.7562 mg/L | 0.02094 | 0.02094 | 1.7562 mg/L | 0.02094 | 1.19% |
| Cr 267.716 | 174430.7 | 3.4437 mg/L | 0.00904 | 0.00904 | 3.4437 mg/L | 0.00904 | 0.26% |
| Cu 324.752 | 13476823.5 | 45.380 mg/L | 0.0417 | 0.0417 | 45.380 mg/L | 0.0417 | 0.09% |
| Fe 273.955 | 54906184.3 | 1565.0 mg/L | 0.25 | 0.25 | 1565.0 mg/L | 0.25 | 0.02% |
| Mg 279.077 | 12778231.0 | 499.10 mg/L | 0.337 | 0.337 | 499.10 mg/L | 0.337 | 0.07% |
| Mn 257.610 | Saturated2 | | | | | | |
| Ni 231.604 | 97387.8 | 4.6113 mg/L | 0.01585 | 0.01585 | 4.6113 mg/L | 0.01585 | 0.34% |
| Pb 220.353 | 582130.2 | 112.28 mg/L | 0.568 | 0.568 | 112.28 mg/L | 0.568 | 0.51% |
| Sb 206.836 | -108.1 | -0.1886 mg/L | 0.01489 | 0.01489 | -0.1886 mg/L | 0.01489 | 7.89% |
| Se 196.026 | -680.9 | -0.4787 mg/L | 0.06012 | 0.06012 | -0.4787 mg/L | 0.06012 | 12.56% |
| Tl 190.801 | -282.4 | 0.0556 mg/L | 0.00448 | 0.00448 | 0.0556 mg/L | 0.00448 | 8.07% |
| V 292.402 | 451505.9 | 4.3399 mg/L | 0.01677 | 0.01677 | 4.3399 mg/L | 0.01677 | 0.39% |
| Zn 206.200 | 1843301.1 | 71.751 mg/L | 0.1903 | 0.1903 | 71.751 mg/L | 0.1903 | 0.27% |
| Na 330.237 | 311022.0 | 206.44 mg/L | 2.453 | 2.453 | 206.44 mg/L | 2.453 | 1.19% |
| Cd 226.502 | 33134.4 | 0.6109 mg/L | 0.00855 | 0.00855 | 0.6109 mg/L | 0.00855 | 1.40% |
| Ti 334.940 | 276231.2 | 0.3285 mg/L | 0.00684 | 0.00684 | 0.3285 mg/L | 0.00684 | 2.08% |
| Ca 227.546 | 522926.6 | 1930.7 mg/L | 23.49 | 23.49 | 1930.7 mg/L | 23.49 | 1.22% |

Sequence No.: 48

Sample ID: F0936-15B,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 134

Date Collected: 8/2/2007 9:04:36 AM

Data Type: Reprocessed on 8/2/2007 10:40:57 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-15B,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------|---------|----------|--------------------|----------|--------|
| Ag 328.068 | -4.3 | 0.0009 mg/L | 0.00028 | 0.00028 | 0.0009 mg/L | 0.00028 | 31.77% |
| Al 308.215 | 257392.0 | 7.3882 mg/L | 0.02182 | 0.02182 | 7.3882 mg/L | 0.02182 | 0.30% |
| As 188.979 | 3.5 | 0.0058 mg/L | 0.00178 | 0.00178 | 0.0058 mg/L | 0.00178 | 30.78% |
| Ba 233.527 | 55502.5 | 0.5598 mg/L | 0.00601 | 0.00601 | 0.5598 mg/L | 0.00601 | 1.07% |
| Be 313.107 | 682.9 | 0.0004 mg/L | 0.00003 | 0.00003 | 0.0004 mg/L | 0.00003 | 6.60% |
| Co 228.616 | 339.1 | 0.0194 mg/L | 0.00005 | 0.00005 | 0.0194 mg/L | 0.00005 | 0.27% |
| Cr 267.716 | 793.3 | 0.0143 mg/L | 0.00005 | 0.00005 | 0.0143 mg/L | 0.00005 | 0.34% |
| Cu 324.752 | 18041.1 | 0.0638 mg/L | 0.00067 | 0.00067 | 0.0638 mg/L | 0.00067 | 1.04% |

| | | | | | | |
|------------|-----------|--------------|---------|--------------|---------|--------|
| Fe 273.955 | 1328927.4 | 38.009 mg/L | 0.0180 | 38.009 mg/L | 0.0180 | 0.05% |
| Mg 279.077 | 826440.3 | 32.329 mg/L | 0.0815 | 32.329 mg/L | 0.0815 | 0.25% |
| Mn 257.610 | 1186117.3 | 1.8452 mg/L | 0.00460 | 1.8452 mg/L | 0.00460 | 0.25% |
| Ni 231.604 | 1044.9 | 0.0515 mg/L | 0.00028 | 0.0515 mg/L | 0.00028 | 0.54% |
| Pb 220.353 | 2357.2 | 0.4554 mg/L | 0.01003 | 0.4554 mg/L | 0.01003 | 2.20% |
| Sb 206.836 | -4.0 | -0.0010 mg/L | 0.00014 | -0.0010 mg/L | 0.00014 | 14.79% |
| Se 196.026 | 13.2 | 0.0226 mg/L | 0.00178 | 0.0226 mg/L | 0.00178 | 7.86% |
| Tl 190.801 | -6.2 | 0.0070 mg/L | 0.00342 | 0.0070 mg/L | 0.00342 | 49.14% |
| V 292.402 | 2091.9 | 0.0208 mg/L | 0.00027 | 0.0208 mg/L | 0.00027 | 1.29% |
| Zn 206.200 | 10369.8 | 0.4039 mg/L | 0.00741 | 0.4039 mg/L | 0.00741 | 1.83% |
| Na 330.237 | 45088.2 | 30.070 mg/L | 0.3486 | 30.070 mg/L | 0.3486 | 1.16% |
| Cd 226.502 | 143.3 | 0.0010 mg/L | 0.00005 | 0.0010 mg/L | 0.00005 | 4.95% |
| Ti 334.940 | 62716.5 | 0.0707 mg/L | 0.00081 | 0.0707 mg/L | 0.00081 | 1.14% |
| Ca 227.546 | 31053.7 | 115.85 mg/L | 1.398 | 115.85 mg/L | 1.398 | 1.21% |

Sequence No.: 49

Autosampler Location: 135

Sample ID: F0936-17B,31385

Date Collected: 8/2/2007 9:07:49 AM

Analyst:

Data Type: Reprocessed on 8/2/2007 10:40:58 AM

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-17B,31385

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|---------------|---------|----------|--------------|----------|-------|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | -24.9 | -0.1042 mg/L | 0.00051 | 0.00051 | -0.1042 mg/L | 0.00051 | 0.49% |
| Al 308.215 | 9063424.1 | 260.16 mg/L | 0.816 | 0.816 | 260.16 mg/L | 0.816 | 0.31% |
| As 188.979 | 116.3 | 0.1490 mg/L | 0.00514 | 0.00514 | 0.1490 mg/L | 0.00514 | 3.45% |
| Ba 233.527 | 623650.9 | 6.2891 mg/L | 0.01687 | 0.01687 | 6.2891 mg/L | 0.01687 | 0.27% |
| Be 313.107 | 31976.0 | 0.0154 mg/L | 0.00004 | 0.00004 | 0.0154 mg/L | 0.00004 | 0.23% |
| Co 228.616 | 9858.6 | 0.3653 mg/L | 0.00027 | 0.00027 | 0.3653 mg/L | 0.00027 | 0.07% |
| Cr 267.716 | 21606.3 | 0.4119 mg/L | 0.00128 | 0.00128 | 0.4119 mg/L | 0.00128 | 0.31% |
| Cu 324.752 | 304473.0 | 1.0264 mg/L | 0.00034 | 0.00034 | 1.0264 mg/L | 0.00034 | 0.03% |
| Fe 273.955 | 18620097.2 | 527.42 mg/L X | 1.707 | 1.707 | 527.42 mg/L | 1.707 | 0.32% |
| Mg 279.077 | 2463058.2 | 96.327 mg/L | 0.2344 | 0.2344 | 96.327 mg/L | 0.2344 | 0.24% |
| Mn 257.610 | 12462345.8 | 19.387 mg/L | 0.0357 | 0.0357 | 19.387 mg/L | 0.0357 | 0.18% |
| Ni 231.604 | 13260.8 | 0.6277 mg/L | 0.00052 | 0.00052 | 0.6277 mg/L | 0.00052 | 0.08% |
| Pb 220.353 | 2795.4 | 0.5525 mg/L | 0.00275 | 0.00275 | 0.5525 mg/L | 0.00275 | 0.50% |
| Sb 206.836 | -60.0 | -0.0644 mg/L | 0.00295 | 0.00295 | -0.0644 mg/L | 0.00295 | 4.58% |
| Se 196.026 | -80.1 | 0.0528 mg/L | 0.00492 | 0.00492 | 0.0528 mg/L | 0.00492 | 9.31% |
| Tl 190.801 | -19.9 | 0.1208 mg/L | 0.00192 | 0.00192 | 0.1208 mg/L | 0.00192 | 1.59% |
| V 292.402 | 41282.3 | 0.4052 mg/L | 0.00108 | 0.00108 | 0.4052 mg/L | 0.00108 | 0.27% |
| Zn 206.200 | 56978.8 | 2.2177 mg/L | 0.00344 | 0.00344 | 2.2177 mg/L | 0.00344 | 0.16% |
| Na 330.237 | 12539.5 | 8.7404 mg/L | 0.06089 | 0.06089 | 8.7404 mg/L | 0.06089 | 0.70% |
| Cd 226.502 | 2056.7 | 0.0145 mg/L | 0.00007 | 0.00007 | 0.0145 mg/L | 0.00007 | 0.47% |
| Ti 334.940 | 980997.6 | 1.0876 mg/L | 0.00194 | 0.00194 | 1.0876 mg/L | 0.00194 | 0.18% |
| Ca 227.546 | 65036.9 | 233.13 mg/L | 0.824 | 0.824 | 233.13 mg/L | 0.824 | 0.35% |

Sequence No.: 50

Autosampler Location: 136

Sample ID: F0981-01B,31385

Date Collected: 8/2/2007 9:11:13 AM

Analyst:

Data Type: Reprocessed on 8/2/2007 10:40:58 AM

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0981-01B,31385

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|---------------|---------|----------|--------------|----------|-------|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | 9788.9 | -0.1231 mg/L | 0.00236 | 0.00236 | -0.1231 mg/L | 0.00236 | 1.92% |
| Al 308.215 | 19561438.7 | 561.49 mg/L X | 3.833 | 3.833 | 561.49 mg/L | 3.833 | 0.68% |
| As 188.979 | 649.1 | 0.8313 mg/L | 0.00141 | 0.00141 | 0.8313 mg/L | 0.00141 | 0.17% |
| Ba 233.527 | 1923497.7 | 19.401 mg/L | 0.0505 | 0.0505 | 19.401 mg/L | 0.0505 | 0.26% |
| Be 313.107 | 112796.3 | 0.0544 mg/L | 0.00017 | 0.00017 | 0.0544 mg/L | 0.00017 | 0.32% |
| Co 228.616 | 16063.6 | 0.6420 mg/L | 0.00616 | 0.00616 | 0.6420 mg/L | 0.00616 | 0.96% |
| Cr 267.716 | 89008.2 | 1.7448 mg/L ✓ | 0.00143 | 0.00143 | 1.7448 mg/L | 0.00143 | 0.08% |
| Cu 324.752 | 3683672.4 | 12.418 mg/L | 0.0248 | 0.0248 | 12.418 mg/L | 0.0248 | 0.20% |
| Fe 273.955 | 41899028.4 | 1189.4 mg/L X | 5.10 | 5.10 | 1189.4 mg/L | 5.10 | 0.43% |

| | | | | | | |
|------------|------------|---------------|---------|--------------|---------|---------|
| Mg 279.077 | 4478750.1 | 174.92 mg/L | 0.430 | 174.92 mg/L | 0.430 | 0.25% |
| Mn 257.610 | 15028173.1 | 23.379 mg/L | 0.1850 | 23.379 mg/L | 0.1850 | 0.79% |
| Ni 231.604 | 31040.0 | 1.4831 mg/L | 0.01831 | 1.4831 mg/L | 0.01831 | 1.23% |
| Pb 220.353 | 487044.5 | 93.892 mg/L X | 0.1903 | 93.892 mg/L | 0.1903 | 0.20% |
| Sb 206.836 | -172.0 | -0.1873 mg/L | 0.00647 | -0.1873 mg/L | 0.00647 | 3.46% |
| Se 196.026 | -258.6 | -0.0236 mg/L | 0.04008 | -0.0236 mg/L | 0.04008 | 169.85% |
| Tl 190.801 | -119.2 | 0.1935 mg/L | 0.01958 | 0.1935 mg/L | 0.01958 | 10.12% |
| V 292.402 | 175515.8 | 1.6996 mg/L | 0.00341 | 1.6996 mg/L | 0.00341 | 0.20% |
| Zn 206.200 | 1401374.1 | 54.561 mg/L X | 0.1158 | 54.561 mg/L | 0.1158 | 0.21% |
| Na 330.237 | 111340.6 | 74.326 mg/L | 0.2356 | 74.326 mg/L | 0.2356 | 0.32% |
| Cd 226.502 | 12489.9 | 0.1973 mg/L | 0.00072 | 0.1973 mg/L | 0.00072 | 0.37% |
| Ti 334.940 | 3426564.9 | 3.8034 mg/L | 0.00701 | 3.8034 mg/L | 0.00701 | 0.18% |
| Ca 227.546 | 330011.1 | 1214.4 mg/L X | 3.23 | 1214.4 mg/L | 3.23 | 0.27% |

Sequence No.: 51
 Sample ID: F0981-06B,31385
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 137
 Date Collected: 8/2/2007 9:14:04 AM
 Data Type: Reprocessed on 8/2/2007 10:40:59 AM
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0981-06B,31385

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | -531.5 | -0.2012 mg/L | 0.00047 | -0.2012 mg/L | 0.00047 | 0.23% |
| Al 308.215 | 25791691.3 | 740.33 mg/L X | 2.060 | 740.33 mg/L | 2.060 | 0.28% |
| As 188.979 | 433.3 | 0.5650 mg/L | 0.00676 | 0.5650 mg/L | 0.00676 | 1.20% |
| Ba 233.527 | 702487.6 | 7.0801 mg/L | 0.04134 | 7.0801 mg/L | 0.04134 | 0.58% |
| Be 313.107 | 93427.6 | 0.0434 mg/L | 0.00030 | 0.0434 mg/L | 0.00030 | 0.68% |
| Co 228.616 | 28134.9 | 1.0945 mg/L | 0.00160 | 1.0945 mg/L | 0.00160 | 0.15% |
| Cr 267.716 | 59636.6 | 1.1835 mg/L ✓ | 0.01005 | 1.1835 mg/L | 0.01005 | 0.85% |
| Cu 324.752 | 1079754.5 | 3.6629 mg/L | 0.01791 | 3.6629 mg/L | 0.01791 | 0.49% |
| Fe 273.955 | 44665270.3 | 1269.4 mg/L X | 0.92 | 1269.4 mg/L | 0.92 | 0.07% |
| Mg 279.077 | 11215805.2 | 438.12 mg/L | 0.855 | 438.12 mg/L | 0.855 | 0.20% |
| Mn 257.610 | Saturated2 | | | | | |
| Ni 231.604 | 41432.8 | 1.9767 mg/L | 0.01175 | 1.9767 mg/L | 0.01175 | 0.59% |
| Pb 220.353 | 13182.3 | 2.5982 mg/L ✓ | 0.01033 | 2.5982 mg/L | 0.01033 | 0.40% |
| Sb 206.836 | -165.6 | -0.1627 mg/L | 0.00360 | -0.1627 mg/L | 0.00360 | 2.21% |
| Se 196.026 | -258.1 | 0.0121 mg/L | 0.03646 | 0.0121 mg/L | 0.03646 | 300.86% |
| Tl 190.801 | -91.9 | 0.1975 mg/L | 0.00168 | 0.1975 mg/L | 0.00168 | 0.85% |
| V 292.402 | 106587.7 | 1.0409 mg/L | 0.00738 | 1.0409 mg/L | 0.00738 | 0.71% |
| Zn 206.200 | 157670.0 | 6.1317 mg/L ✓ | 0.04114 | 6.1317 mg/L | 0.04114 | 0.67% |
| Na 330.237 | 172672.1 | 114.83 mg/L | 0.527 | 114.83 mg/L | 0.527 | 0.46% |
| Cd 226.502 | 7464.6 | 0.0880 mg/L | 0.00001 | 0.0880 mg/L | 0.00001 | 0.01% |
| Ti 334.940 | 2042057.1 | 2.2750 mg/L | 0.01261 | 2.2750 mg/L | 0.01261 | 0.55% |
| Ca 227.546 | 382488.1 | 1409.8 mg/L X | 6.34 | 1409.8 mg/L | 6.34 | 0.45% |

Sequence No.: 52
 Sample ID: F0981-06BSD,31385
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 37
 Date Collected: 8/2/2007 9:17:03 AM
 Data Type: Reprocessed on 8/2/2007 10:40:59 AM
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0981-06BSD,31385

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Ag 328.068 | -53.4 | -0.0873 mg/L | 0.00037 | -0.0873 mg/L | 0.00037 | 0.43% |
| Al 308.215 | 6645163.9 | 190.74 mg/L | 1.162 | 190.74 mg/L | 1.162 | 0.61% |
| As 188.979 | 94.1 | 0.1206 mg/L | 0.00480 | 0.1206 mg/L | 0.00480 | 3.98% |
| Ba 233.527 | 188833.6 | 1.9021 mg/L | 0.01954 | 1.9021 mg/L | 0.01954 | 1.03% |
| Be 313.107 | 24593.9 | 0.0114 mg/L | 0.00014 | 0.0114 mg/L | 0.00014 | 1.21% |
| Co 228.616 | 7919.4 | 0.3025 mg/L | 0.00146 | 0.3025 mg/L | 0.00146 | 0.48% |
| Cr 267.716 | 15849.7 | 0.2989 mg/L | 0.00538 | 0.2989 mg/L | 0.00538 | 1.80% |
| Cu 324.752 | 242588.0 | 0.8211 mg/L | 0.00388 | 0.8211 mg/L | 0.00388 | 0.47% |
| Fe 273.955 | 17369966.1 | 492.19 mg/L | 1.901 | 492.19 mg/L | 1.901 | 0.39% |
| Mg 279.077 | 3115419.9 | 121.86 mg/L | 0.576 | 121.86 mg/L | 0.576 | 0.47% |

| | | | | | | |
|------------|------------|--------------|---------|--------------|---------|-------|
| Mn 257.610 | 12365935.9 | 19.237 mg/L | 0.0521 | 19.237 mg/L | 0.0521 | 0.27% |
| Ni 231.604 | 11387.7 | 0.5414 mg/L | 0.00275 | 0.5414 mg/L | 0.00275 | 0.51% |
| Pb 220.353 | 3827.8 | 0.7482 mg/L | 0.00525 | 0.7482 mg/L | 0.00525 | 0.70% |
| Sb 206.836 | -52.5 | -0.0509 mg/L | 0.00351 | -0.0509 mg/L | 0.00351 | 6.89% |
| Se 196.026 | -51.5 | 0.0723 mg/L | 0.00171 | 0.0723 mg/L | 0.00171 | 2.36% |
| Tl 190.801 | -25.5 | 0.1136 mg/L | 0.00781 | 0.1136 mg/L | 0.00781 | 6.87% |
| V 292.402 | 27353.2 | 0.2715 mg/L | 0.00536 | 0.2715 mg/L | 0.00536 | 1.97% |
| Zn 206.200 | 47014.3 | 1.8306 mg/L | 0.00730 | 1.8306 mg/L | 0.00730 | 0.40% |
| Na 330.237 | 34390.2 | 23.077 mg/L | 0.1441 | 23.077 mg/L | 0.1441 | 0.62% |
| Cd 226.502 | 1702.8 | 0.0090 mg/L | 0.00041 | 0.0090 mg/L | 0.00041 | 4.54% |
| Ti 334.940 | 517674.9 | 0.5763 mg/L | 0.00288 | 0.5763 mg/L | 0.00288 | 0.50% |
| Ca 227.546 | 87571.5 | 318.54 mg/L | 3.606 | 318.54 mg/L | 3.606 | 1.13% |

Sequence No.: 53

Sample ID: CRI

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 7

Date Collected: 8/2/2007 9:20:27 AM

Data Type: Reprocessed on 8/2/2007 10:41:00 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CRI

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Ag 328.068 | 1514.4 | 0.0107 mg/L | 0.00034 | 0.0107 mg/L | 0.00034 | 3.16% |
| Al 308.215 | 8947.4 | 0.2565 mg/L | 0.02059 | 0.2565 mg/L | 0.02059 | 8.03% |
| As 188.979 | 9.5 | 0.0117 mg/L | 0.00013 | 0.0117 mg/L | 0.00013 | 1.07% |
| Ba 233.527 | 23367.7 | 0.2358 mg/L | 0.00173 | 0.2358 mg/L | 0.00173 | 0.74% |
| Be 313.107 | 12637.3 | 0.0053 mg/L | 0.00002 | 0.0053 mg/L | 0.00002 | 0.35% |
| Co 228.616 | 1544.0 | 0.0561 mg/L | 0.00026 | 0.0561 mg/L | 0.00026 | 0.46% |
| Cr 267.716 | 536.9 | 0.0106 mg/L | 0.00002 | 0.0106 mg/L | 0.00002 | 0.23% |
| Cu 324.752 | 8356.6 | 0.0283 mg/L | 0.00071 | 0.0283 mg/L | 0.00071 | 2.51% |
| Fe 273.955 | 10023.1 | 0.3101 mg/L | 0.02361 | 0.3101 mg/L | 0.02361 | 7.61% |
| Mg 279.077 | 142249.1 | 5.5640 mg/L | 0.04215 | 5.5640 mg/L | 0.04215 | 0.76% |
| Mn 257.610 | 14043.5 | 0.0218 mg/L | 0.00071 | 0.0218 mg/L | 0.00071 | 3.24% |
| Ni 231.604 | 968.7 | 0.0451 mg/L | 0.00003 | 0.0451 mg/L | 0.00003 | 0.06% |
| Pb 220.353 | 191.2 | 0.0369 mg/L | 0.00145 | 0.0369 mg/L | 0.00145 | 3.93% |
| Sb 206.836 | 76.1 | 0.0700 mg/L | 0.00058 | 0.0700 mg/L | 0.00058 | 0.83% |
| Se 196.026 | 29.6 | 0.0419 mg/L | 0.00144 | 0.0419 mg/L | 0.00144 | 3.44% |
| Tl 190.801 | 37.9 | 0.0284 mg/L | 0.00045 | 0.0284 mg/L | 0.00045 | 1.58% |
| V 292.402 | 5637.7 | 0.0539 mg/L | 0.00017 | 0.0539 mg/L | 0.00017 | 0.32% |
| Zn 206.200 | 2117.9 | 0.0826 mg/L | 0.00032 | 0.0826 mg/L | 0.00032 | 0.39% |
| Na 330.237 | 5988.5 | 4.0072 mg/L | 0.04938 | 4.0072 mg/L | 0.04938 | 1.23% |
| Cd 226.502 | 282.4 | 0.0059 mg/L | 0.00001 | 0.0059 mg/L | 0.00001 | 0.21% |
| Ti 334.940 | 264.9 | 0.0004 mg/L | 0.00004 | 0.0004 mg/L | 0.00004 | 11.22% |
| Ca 227.546 | 1374.7 | 5.1543 mg/L | 0.04767 | 5.1543 mg/L | 0.04767 | 0.92% |

Sequence No.: 54

Sample ID: ICSA

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 5

Date Collected: 8/2/2007 9:23:48 AM

Data Type: Reprocessed on 8/2/2007 10:41:00 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICSA

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | -217.9 | -0.0027 mg/L | 0.00024 | -0.0027 mg/L | 0.00024 | 8.80% |
| Al 308.215 | 15804641.4 | 453.67 mg/L | 1.146 | 453.67 mg/L | 1.146 | 0.25% |
| As 188.979 | -11.9 | -0.0042 mg/L | 0.00193 | -0.0042 mg/L | 0.00193 | 46.13% |
| Ba 233.527 | 304.8 | 0.0019 mg/L | 0.00010 | 0.0019 mg/L | 0.00010 | 5.59% |
| Be 313.107 | 41.2 | 0.0000 mg/L | 0.00002 | 0.0000 mg/L | 0.00002 | 235.91% |
| Co 228.616 | 96.0 | 0.0347 mg/L | 0.00008 | 0.0347 mg/L | 0.00008 | 0.23% |
| Cr 267.716 | -146.6 | -0.0081 mg/L | 0.00006 | -0.0081 mg/L | 0.00006 | 0.73% |
| Cu 324.752 | -4595.9 | -0.0022 mg/L | 0.00003 | -0.0022 mg/L | 0.00003 | 1.33% |
| Fe 273.955 | 6023014.5 | 174.54 mg/L | 0.740 | 174.54 mg/L | 0.740 | 0.42% |
| Mg 279.077 | 11342024.9 | 443.55 mg/L | 2.288 | 443.55 mg/L | 2.288 | 0.52% |
| Mn 257.610 | 1873.6 | 0.0029 mg/L | 0.00012 | 0.0029 mg/L | 0.00012 | 4.19% |

Saturated outside survey window (code 6)

| Element | Value | Conc. (mg/L) | Std. Dev. | Conc. (mg/L) | Std. Dev. | RSD (%) |
|------------|----------|--------------|-----------|--------------|-----------|---------|
| Ni 231.604 | 39.0 | 0.0242 | 0.00014 | 0.0242 | 0.00014 | 0.56% |
| Pb 220.353 | -79.1 | 0.0177 | 0.00226 | 0.0177 | 0.00226 | 12.80% |
| Sb 206.836 | -14.9 | -0.0078 | 0.00266 | -0.0078 | 0.00266 | 34.28% |
| Se 196.026 | -26.9 | 0.0005 | 0.00307 | 0.0005 | 0.00307 | 641.75% |
| Tl 190.801 | -11.8 | 0.0063 | 0.00191 | 0.0063 | 0.00191 | 30.38% |
| V 292.402 | -467.5 | -0.0016 | 0.00008 | -0.0016 | 0.00008 | 5.11% |
| Zn 206.200 | 469.8 | 0.0131 | 0.00021 | 0.0131 | 0.00021 | 1.61% |
| Na 330.237 | 468.5 | -0.5043 | 0.00127 | -0.5043 | 0.00127 | 0.25% |
| Cd 226.502 | 474.8 | 0.0006 | 0.00004 | 0.0006 | 0.00004 | 6.79% |
| Ti 334.940 | -5115.4 | 0.0003 | 0.00003 | 0.0003 | 0.00003 | 11.50% |
| Ca 227.546 | 132384.5 | 493.63 | 0.712 | 493.63 | 0.712 | 0.14% |

Sequence No.: 55

Sample ID: ICSAB

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 6

Date Collected: 8/2/2007 9:27:03 AM

Data Type: Reprocessed on 8/2/2007 10:41:01 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Ag 328.068 | 27121.5 | 0.1904 mg/L | 0.00256 | 0.1904 mg/L | 0.00256 | 1.35% |
| Al 308.215 | 15687226.3 | 450.29 mg/L | 1.436 | 450.29 mg/L | 1.436 | 0.32% |
| As 188.979 | 62.2 | 0.0925 mg/L | 0.00247 | 0.0925 mg/L | 0.00247 | 2.67% |
| Ba 233.527 | 48931.8 | 0.4931 mg/L | 0.00200 | 0.4931 mg/L | 0.00200 | 0.41% |
| Be 313.107 | 1063487.2 | 0.4475 mg/L | 0.00423 | 0.4475 mg/L | 0.00423 | 0.94% |
| Co 228.616 | 11580.1 | 0.4495 mg/L | 0.00050 | 0.4495 mg/L | 0.00050 | 0.11% |
| Cr 267.716 | 22459.9 | 0.4387 mg/L | 0.00361 | 0.4387 mg/L | 0.00361 | 0.82% |
| Cu 324.752 | 140816.7 | 0.4870 mg/L | 0.00424 | 0.4870 mg/L | 0.00424 | 0.87% |
| Fe 273.955 | 5989864.2 | 173.59 mg/L | 0.503 | 173.59 mg/L | 0.503 | 0.29% |
| Mg 279.077 | 11262219.7 | 440.43 mg/L | 1.359 | 440.43 mg/L | 1.359 | 0.31% |
| Mn 257.610 | 297681.4 | 0.4631 mg/L | 0.00411 | 0.4631 mg/L | 0.00411 | 0.89% |
| Ni 231.604 | 17693.8 | 0.8447 mg/L | 0.00071 | 0.8447 mg/L | 0.00071 | 0.08% |
| Pb 220.353 | 152.2 | 0.0620 mg/L | 0.00068 | 0.0620 mg/L | 0.00068 | 1.10% |
| Sb 206.836 | 665.4 | 0.6050 mg/L | 0.00055 | 0.6050 mg/L | 0.00055 | 0.09% |
| Se 196.026 | 8.1 | 0.0499 mg/L | 0.01176 | 0.0499 mg/L | 0.01176 | 23.59% |
| Tl 190.801 | 104.2 | 0.0933 mg/L | 0.00291 | 0.0933 mg/L | 0.00291 | 3.12% |
| V 292.402 | 47193.3 | 0.4544 mg/L | 0.00425 | 0.4544 mg/L | 0.00425 | 0.93% |
| Zn 206.200 | 22937.5 | 0.8902 mg/L | 0.00709 | 0.8902 mg/L | 0.00709 | 0.80% |
| Na 330.237 | 1600.6 | 0.2443 mg/L | 0.20820 | 0.2443 mg/L | 0.20820 | 85.21% |
| Cd 226.502 | 42902.2 | 0.8896 mg/L | 0.00867 | 0.8896 mg/L | 0.00867 | 0.97% |
| Ti 334.940 | -5081.3 | 0.0003 mg/L | 0.00003 | 0.0003 mg/L | 0.00003 | 9.84% |
| Ca 227.546 | 132998.9 | 495.91 mg/L | 3.864 | 495.91 mg/L | 3.864 | 0.78% |

Sequence No.: 56

Sample ID: CCV

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/2/2007 9:30:16 AM

Data Type: Reprocessed on 8/2/2007 10:41:01 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Ag 328.068 | 170534.0 | 1.2058 mg/L | 0.01313 | 1.2058 mg/L | 0.01313 | 1.09% |
| Al 308.215 | 348535.1 | 9.9847 mg/L | 0.04728 | 9.9847 mg/L | 0.04728 | 0.47% |
| As 188.979 | 437.1 | 0.5463 mg/L | 0.00263 | 0.5463 mg/L | 0.00263 | 0.48% |
| Ba 233.527 | 1063762.2 | 10.736 mg/L | 0.1140 | 10.736 mg/L | 0.1140 | 1.06% |
| Be 313.107 | 606653.4 | 0.2554 mg/L | 0.00337 | 0.2554 mg/L | 0.00337 | 1.32% |
| Co 228.616 | 72159.7 | 2.6068 mg/L | 0.02765 | 2.6068 mg/L | 0.02765 | 1.06% |
| Cr 267.716 | 52114.0 | 1.0295 mg/L | 0.01060 | 1.0295 mg/L | 0.01060 | 1.03% |
| Cu 324.752 | 377676.2 | 1.2713 mg/L | 0.01485 | 1.2713 mg/L | 0.01485 | 1.17% |
| Fe 273.955 | 187220.0 | 5.4584 mg/L | 0.02324 | 5.4584 mg/L | 0.02324 | 0.43% |
| Mg 279.077 | 663216.7 | 25.971 mg/L | 0.2903 | 25.971 mg/L | 0.2903 | 1.12% |
| Mn 257.610 | 1666543.9 | 2.5926 mg/L | 0.03203 | 2.5926 mg/L | 0.03203 | 1.24% |

| | | | | | | |
|------------|----------|-------------|---------|-------------|---------|-------|
| Ni 231.604 | 56097.6 | 2.6077 mg/L | 0.03427 | 2.6077 mg/L | 0.03427 | 1.31% |
| Pb 220.353 | 2821.2 | 0.5443 mg/L | 0.00015 | 0.5443 mg/L | 0.00015 | 0.03% |
| Sb 206.836 | 600.5 | 0.5231 mg/L | 0.00394 | 0.5231 mg/L | 0.00394 | 0.75% |
| Se 196.026 | 360.7 | 0.5131 mg/L | 0.00913 | 0.5131 mg/L | 0.00913 | 1.78% |
| Tl 190.801 | 700.5 | 0.5262 mg/L | 0.00537 | 0.5262 mg/L | 0.00537 | 1.02% |
| V 292.402 | 267328.8 | 2.5553 mg/L | 0.03495 | 2.5553 mg/L | 0.03495 | 1.37% |
| Zn 206.200 | 69515.7 | 2.7120 mg/L | 0.02883 | 2.7120 mg/L | 0.02883 | 1.06% |
| Na 330.237 | 35682.4 | 23.874 mg/L | 0.1398 | 23.874 mg/L | 0.1398 | 0.59% |
| Cd 226.502 | 12635.5 | 0.2656 mg/L | 0.00357 | 0.2656 mg/L | 0.00357 | 1.35% |
| Ti 334.940 | 579.4 | 0.0008 mg/L | 0.00000 | 0.0008 mg/L | 0.00000 | 0.38% |
| Ca 227.546 | 6869.4 | 25.522 mg/L | 0.0296 | 25.522 mg/L | 0.0296 | 0.12% |

Sequence No.: 57

Sample ID: CCB

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/2/2007 9:33:28 AM

Data Type: Reprocessed on 8/2/2007 10:41:02 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------------|---------|----------|--------------|----------|---------|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | -42.6 | -0.0003 mg/L | 0.00001 | 0.00001 | -0.0003 mg/L | 0.00001 | 2.65% |
| Al 308.215 | 307.5 | 0.0088 mg/L | 0.01453 | 0.01453 | 0.0088 mg/L | 0.01453 | 164.57% |
| As 188.979 | -1.2 | -0.0015 mg/L | 0.00150 | 0.00150 | -0.0015 mg/L | 0.00150 | 99.91% |
| Ba 233.527 | 42.7 | 0.0004 mg/L | 0.00005 | 0.00005 | 0.0004 mg/L | 0.00005 | 11.36% |
| Be 313.107 | 1.1 | 0.0000 mg/L | 0.00000 | 0.00000 | 0.0000 mg/L | 0.00000 | 79.24% |
| Co 228.616 | 4.6 | 0.0002 mg/L | 0.00006 | 0.00006 | 0.0002 mg/L | 0.00006 | 38.42% |
| Cr 267.716 | -6.9 | -0.0001 mg/L | 0.00000 | 0.00000 | -0.0001 mg/L | 0.00000 | 3.12% |
| Cu 324.752 | 425.8 | 0.0014 mg/L | 0.00039 | 0.00039 | 0.0014 mg/L | 0.00039 | 27.44% |
| Fe 273.955 | 1905.3 | 0.0539 mg/L | 0.06148 | 0.06148 | 0.0539 mg/L | 0.06148 | 114.16% |
| Mg 279.077 | 226.8 | 0.0089 mg/L | 0.00927 | 0.00927 | 0.0089 mg/L | 0.00927 | 104.57% |
| Mn 257.610 | 837.1 | 0.0013 mg/L | 0.00138 | 0.00138 | 0.0013 mg/L | 0.00138 | 106.32% |
| Ni 231.604 | 1.7 | 0.0001 mg/L | 0.00003 | 0.00003 | 0.0001 mg/L | 0.00003 | 35.28% |
| Pb 220.353 | 81.6 | 0.0157 mg/L | 0.00138 | 0.00138 | 0.0157 mg/L | 0.00138 | 8.76% |
| Sb 206.836 | 0.9 | 0.0009 mg/L | 0.00220 | 0.00220 | 0.0009 mg/L | 0.00220 | 255.79% |
| Se 196.026 | 1.3 | 0.0019 mg/L | 0.00393 | 0.00393 | 0.0019 mg/L | 0.00393 | 208.86% |
| Tl 190.801 | 0.8 | 0.0006 mg/L | 0.00046 | 0.00046 | 0.0006 mg/L | 0.00046 | 73.00% |
| V 292.402 | 3.1 | 0.0000 mg/L | 0.00019 | 0.00019 | 0.0000 mg/L | 0.00019 | 609.40% |
| Zn 206.200 | 212.9 | 0.0083 mg/L | 0.00149 | 0.00149 | 0.0083 mg/L | 0.00149 | 17.98% |
| Na 330.237 | -159.2 | -0.1068 mg/L | 0.01655 | 0.01655 | -0.1068 mg/L | 0.01655 | 15.50% |
| Cd 226.502 | 15.9 | 0.0003 mg/L | 0.00006 | 0.00006 | 0.0003 mg/L | 0.00006 | 16.92% |
| Ti 334.940 | 38.8 | 0.0000 mg/L | 0.00006 | 0.00006 | 0.0000 mg/L | 0.00006 | 140.16% |
| Ca 227.546 | 5.4 | 0.0192 mg/L | 0.03201 | 0.03201 | 0.0192 mg/L | 0.03201 | 166.88% |

Analysis Begun

Start Time: 8/3/2007 8:02:13 AM Plasma On Time: 8/3/2007 5:51:18 AM
 Logged In Analyst: optima3 Technique: ICP Continuous
 Spectrometer Model: Optima 4300 DV, S/N 077N3102302 Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0803A.sif
 Batch ID:
 Results Data Set: B07080302
 Results Library: C:\pe\Administrator\Results\Results.mdb

Method Loaded

Method Name: Na-K CLP Method Last Saved: 10/3/2006 12:38:36 PM
 IEC File: MSF File:
 Method Description: K-Na CLP

Sequence No.: 1 Autosampler Location: 1
 Sample ID: S0 Date Collected: 8/3/2007 8:02:13 AM
 Analyst: Data Type: Original
 Initial Sample Wt: Initial Sample Vol:
 Dilution: Sample Prep Vol:

Mean Data: S0

| Analyte | Mean Corrected Intensity | Std.Dev. | RSD | Calib Conc. Units |
|------------|--------------------------|----------|-------|-------------------|
| K 766.490 | 1269.9 | 41.38 | 3.26% | [0.00] mg/L |
| Na 589.592 | 357.4 | 2.99 | 0.84% | [0.00] mg/L |

Sequence No.: 2 Autosampler Location: 9
 Sample ID: S1 Date Collected: 8/3/2007 8:04:48 AM
 Analyst: Data Type: Original
 Initial Sample Wt: Initial Sample Vol:
 Dilution: Sample Prep Vol:

Mean Data: S1

| Analyte | Mean Corrected Intensity | Std.Dev. | RSD | Calib Conc. Units |
|------------|--------------------------|----------|-------|-------------------|
| K 766.490 | 212013.7 | 1166.14 | 0.55% | [50] mg/L |
| Na 589.592 | 604311.9 | 2714.95 | 0.45% | [50] mg/L |

Calibration Summary

| Analyte | Stds. | Equation | Intercept | Slope | Curvature | Corr. Coef. | Reslope |
|------------|-------|------------|-----------|-------|-----------|-------------|---------|
| K 766.490 | 1 | Lin Thru 0 | 0.0 | 4240 | 0.00000 | 1.000000 | |
| Na 589.592 | 1 | Lin Thru 0 | 0.0 | 12090 | 0.00000 | 1.000000 | |

Sequence No.: 3 Autosampler Location: 10
 Sample ID: ICV Date Collected: 8/3/2007 8:07:08 AM
 Analyst: Data Type: Original
 Initial Sample Wt: Initial Sample Vol:
 Dilution: Sample Prep Vol:

Mean Data: ICV

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| K 766.490 | 152466.2 | 35.957 mg/L ✓ | 0.0668 | 35.957 mg/L | 0.0668 | 0.19% |
| Na 589.592 | 441944.6 | 36.566 mg/L ✓ | 0.0339 | 36.566 mg/L | 0.0339 | 0.09% |

Sequence No.: 4 Autosampler Location: 4
 Sample ID: ICB Date Collected: 8/3/2007 8:09:28 AM

Analyst:
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| K 766.490 | 279.2 | 0.0658 | mg/L | 0.00708 | 0.0658 | mg/L | 10.76% |
| Na 589.592 | 519.7 | 0.0430 | mg/L | 0.00543 | 0.0430 | mg/L | 12.62% |

Sequence No.: 5
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/3/2007 8:11:48 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| K 766.490 | -86.0 | -0.0203 | mg/L | 0.00403 | -0.0203 | mg/L | 19.86% |
| Na 589.592 | 404.8 | 0.0335 | mg/L | 0.01019 | 0.0335 | mg/L | 30.42% |

Sequence No.: 6
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/3/2007 8:14:09 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| K 766.490 | -63.2 | -0.0149 | mg/L | 0.00644 | -0.0149 | mg/L | 43.20% |
| Na 589.592 | 114.2 | 0.0094 | mg/L | 0.00053 | 0.0094 | mg/L | 5.62% |

Sequence No.: 7
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/3/2007 8:16:26 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|--------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| K 766.490 | 103509.2 | 24.411 | mg/L ✓ | 0.0035 | 24.411 | mg/L | 0.01% |
| Na 589.592 | 300425.5 | 24.857 | mg/L ✓ | 0.0460 | 24.857 | mg/L | 0.18% |

Sequence No.: 8
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/3/2007 8:18:46 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| K 766.490 | 60.8 | 0.0143 | mg/L | 0.00981 | 0.0143 | mg/L | 68.39% |
| Na 589.592 | 99.5 | 0.0082 | mg/L | 0.00377 | 0.0082 | mg/L | 45.81% |

Sequence No.: 9
Sample ID: MB-31386,31386
Analyst:

Autosampler Location: 102
Date Collected: 8/3/2007 8:21:06 AM
Data Type: Original

Initial Sample Wt:
Dilution:

Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31386,31386

| Analyte | Mean Corrected | | Calib | | Sample | | Std.Dev. | RSD |
|------------|----------------|---------|-------|---------|---------|------|----------|--------|
| | Intensity | Conc. | Units | Conc. | Units | | | |
| K 766.490 | 87.7 | 0.0207 | mg/L | 0.00057 | 0.0207 | mg/L | 0.00057 | 2.76% |
| Na 589.592 | -106.6 | -0.0088 | mg/L | 0.00204 | -0.0088 | mg/L | 0.00204 | 23.16% |

Sequence No.: 10

Autosampler Location: 103

Sample ID: LCS-31386,31386

Date Collected: 8/3/2007 8:23:28 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: LCS-31386,31386

| Analyte | Mean Corrected | | Calib | | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|--------|------|----------|-------|
| | Intensity | Conc. | Units | Conc. | Units | | | |
| K 766.490 | 102839.3 | 24.253 | mg/L | 0.4036 | 24.253 | mg/L | 0.4036 | 1.66% |
| Na 589.592 | 84823.6 | 7.0182 | mg/L | 0.11852 | 7.0182 | mg/L | 0.11852 | 1.69% |

Sequence No.: 11

Autosampler Location: 104

Sample ID: F0936-01B,31386

Date Collected: 8/3/2007 8:25:50 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-01B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|--------|------|----------|-------|
| | Intensity | Conc. | Units | Conc. | Units | | | |
| K 766.490 | 30108.7 | 7.1007 | mg/L | 0.05438 | 7.1007 | mg/L | 0.05438 | 0.77% |
| Na 589.592 | 13446.9 | 1.1126 | mg/L | 0.00974 | 1.1126 | mg/L | 0.00974 | 0.88% |

Sequence No.: 12

Autosampler Location: 105

Sample ID: F0936-02B,31386

Date Collected: 8/3/2007 8:28:11 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-02B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|--------|------|----------|-------|
| | Intensity | Conc. | Units | Conc. | Units | | | |
| K 766.490 | 28865.9 | 6.8075 | mg/L | 0.06981 | 6.8075 | mg/L | 0.06981 | 1.03% |
| Na 589.592 | 20857.4 | 1.7257 | mg/L | 0.01911 | 1.7257 | mg/L | 0.01911 | 1.11% |

Sequence No.: 13

Autosampler Location: 106

Sample ID: F0936-05B,31386

Date Collected: 8/3/2007 8:30:32 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-05B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|--------|------|----------|-------|
| | Intensity | Conc. | Units | Conc. | Units | | | |
| K 766.490 | 44150.2 | 10.412 | mg/L | 0.0027 | 10.412 | mg/L | 0.0027 | 0.03% |
| Na 589.592 | 4063.8 | 0.3362 | mg/L | 0.00831 | 0.3362 | mg/L | 0.00831 | 2.47% |

Sequence No.: 14

Autosampler Location: 107

Sample ID: F0936-06B,31386

Date Collected: 8/3/2007 8:32:53 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-06B,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 91029.9 | | 21.468 mg/L | 0.0097 | 21.468 mg/L | 0.0097 | 0.05% |
| Na 589.592 | 1134581.0 | | 93.874 mg/L | 0.1789 | 93.874 mg/L | 0.1789 | 0.19% |

Sequence No.: 15

Autosampler Location: 108

Sample ID: F0936-10B,31386

Date Collected: 8/3/2007 8:35:15 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-10B,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 35121.8 | | 8.2829 mg/L | 0.02290 | 8.2829 mg/L | 0.02290 | 0.28% |
| Na 589.592 | 45240.7 | | 3.7432 mg/L | 0.01466 | 3.7432 mg/L | 0.01466 | 0.39% |

Sequence No.: 16

Autosampler Location: 109

Sample ID: F0936-13B,31386

Date Collected: 8/3/2007 8:37:36 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-13B,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 108089.4 | | 25.491 mg/L | 0.0163 | 25.491 mg/L | 0.0163 | 0.06% |
| Na 589.592 | 21054.6 | | 1.7420 mg/L | 0.00627 | 1.7420 mg/L | 0.00627 | 0.36% |

Sequence No.: 17

Autosampler Location: 110

Sample ID: F0936-14B,31386

Date Collected: 8/3/2007 8:39:57 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-14B,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 58950.6 | | 13.903 mg/L | 0.1430 | 13.903 mg/L | 0.1430 | 1.03% |
| Na 589.592 | 11583.4 | | 0.9584 mg/L | 0.01034 | 0.9584 mg/L | 0.01034 | 1.08% |

Sequence No.: 18

Autosampler Location: 111

Sample ID: F0936-14BDUP,31386

Date Collected: 8/3/2007 8:42:18 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-14BDUP,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 59962.7 | | 14.141 mg/L | 0.1987 | 14.141 mg/L | 0.1987 | 1.41% |
| Na 589.592 | 12630.6 | | 1.0450 mg/L | 0.01416 | 1.0450 mg/L | 0.01416 | 1.36% |

Sequence No.: 19

Autosampler Location: 3

Sample ID: CCV

Date Collected: 8/3/2007 8:44:39 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 106187.7 | | 25.043 mg/L ✓ | 0.1592 | 25.043 mg/L | 0.1592 | 0.64% |
| Na 589.592 | 307414.8 | | 25.435 mg/L ✓ | 0.1087 | 25.435 mg/L | 0.1087 | 0.43% |

=====

Sequence No.: 20

Sample ID: CCB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/3/2007 8:46:59 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|--------------|----------|---------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | -12.5 | | -0.0030 mg/L | 0.00576 | -0.0030 mg/L | 0.00576 | 194.52% |
| Na 589.592 | 147.1 | | 0.0122 mg/L | 0.00148 | 0.0122 mg/L | 0.00148 | 12.19% |

=====

Sequence No.: 21

Sample ID: F0936-14BSD,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 112

Date Collected: 8/3/2007 8:49:19 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-14BSD,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 12021.9 | | 2.8352 mg/L | 0.02715 | 2.8352 mg/L | 0.02715 | 0.96% |
| Na 589.592 | 2363.3 | | 0.1955 mg/L | 0.00194 | 0.1955 mg/L | 0.00194 | 0.99% |

=====

Sequence No.: 22

Sample ID: F0936-16B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 113

Date Collected: 8/3/2007 8:51:41 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-16B,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 37549.5 | | 8.8554 mg/L | 0.13850 | 8.8554 mg/L | 0.13850 | 1.56% |
| Na 589.592 | 8661.2 | | 0.7166 mg/L | 0.02025 | 0.7166 mg/L | 0.02025 | 2.83% |

=====

Sequence No.: 23

Sample ID: F0936-18B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 114

Date Collected: 8/3/2007 8:54:02 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-18B,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 40580.8 | | 9.5703 mg/L | 0.03563 | 9.5703 mg/L | 0.03563 | 0.37% |
| Na 589.592 | 6890.9 | | 0.5701 mg/L | 0.00084 | 0.5701 mg/L | 0.00084 | 0.15% |

=====

Sequence No.: 24

Sample ID: F0936-20B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 115

Date Collected: 8/3/2007 8:56:23 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-20B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|---------------|
| | Intensity | Conc. | Units | | Conc. | Units | |
| K 766.490 | 40775.9 | 9.6163 | mg/L | 0.07380 | 9.6163 | mg/L | 0.07380 0.77% |
| Na 589.592 | 30436.7 | 2.5183 | mg/L | 0.02298 | 2.5183 | mg/L | 0.02298 0.91% |

Sequence No.: 25

Sample ID: MB-31441,31441

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 138

Date Collected: 8/3/2007 8:58:45 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: MB-31441,31441

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|----------------|
| | Intensity | Conc. | Units | | Conc. | Units | |
| K 766.490 | -153.6 | -0.0362 | mg/L | 0.00499 | -0.0362 | mg/L | 0.00499 13.77% |
| Na 589.592 | -75.9 | -0.0063 | mg/L | 0.00148 | -0.0063 | mg/L | 0.00148 23.53% |

Sequence No.: 26

Sample ID: LCS-31441,31441

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 139

Date Collected: 8/3/2007 9:01:07 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: LCS-31441,31441

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------|--------|----------|--------|-------|--------------|
| | Intensity | Conc. | Units | | Conc. | Units | |
| K 766.490 | 107540.4 | 25.362 | mg/L ✓ | 0.2546 | 25.362 | mg/L | 0.2546 1.00% |
| Na 589.592 | 308653.6 | 25.538 | mg/L ✓ | 0.2648 | 25.538 | mg/L | 0.2648 1.04% |

Sequence No.: 27

Sample ID: F1016-01C,31441

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 140

Date Collected: 8/3/2007 9:03:30 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F1016-01C,31441

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|---------------|
| | Intensity | Conc. | Units | | Conc. | Units | |
| K 766.490 | 14808.4 | 3.4923 | mg/L | 0.00800 | 3.4923 | mg/L | 0.00800 0.23% |
| Na 589.592 | 269306.9 | 22.282 | mg/L | 0.0769 | 22.282 | mg/L | 0.0769 0.34% |

Sequence No.: 28

Sample ID: ICSA

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 5

Date Collected: 8/3/2007 9:05:52 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICSA

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|----------------|
| | Intensity | Conc. | Units | | Conc. | Units | |
| K 766.490 | -164.4 | -0.0388 | mg/L | 0.00504 | -0.0388 | mg/L | 0.00504 12.99% |
| Na 589.592 | 390.0 | 0.0323 | mg/L | 0.00254 | 0.0323 | mg/L | 0.00254 7.87% |

Sequence No.: 29

Sample ID: ICSAB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 6

Date Collected: 8/3/2007 9:08:13 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|--------------|----------|--------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | -210.4 | | -0.0496 mg/L | 0.00789 | -0.0496 mg/L | 0.00789 | 15.90% |
| Na 589.592 | 161.3 | | 0.0133 mg/L | 0.00456 | 0.0133 mg/L | 0.00456 | 34.17% |

Sequence No.: 30

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/3/2007 9:10:30 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 106572.8 | | 25.133 mg/L ✓ | 0.4294 | 25.133 mg/L | 0.4294 | 1.71% |
| Na 589.592 | 308118.2 | | 25.493 mg/L ✓ | 0.4191 | 25.493 mg/L | 0.4191 | 1.64% |

Sequence No.: 31

Sample ID: CCB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/3/2007 9:12:50 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|--------------|----------|--------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | -50.1 | | -0.0118 mg/L | 0.00133 | -0.0118 mg/L | 0.00133 | 11.29% |
| Na 589.592 | 175.8 | | 0.0145 mg/L | 0.00520 | 0.0145 mg/L | 0.00520 | 35.77% |

Sequence No.: 32

Sample ID: F1016-02C,31441

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 141

Date Collected: 8/3/2007 9:15:10 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F1016-02C,31441

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|--------------|----------|--------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | -177.0 | | -0.0417 mg/L | 0.00894 | -0.0417 mg/L | 0.00894 | 21.41% |
| Na 589.592 | 154.1 | | 0.0127 mg/L | 0.00438 | 0.0127 mg/L | 0.00438 | 34.36% |

Sequence No.: 33

Sample ID: F1016-03C,31441

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 142

Date Collected: 8/3/2007 9:17:32 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F1016-03C,31441

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 7911.0 | | 1.8657 mg/L | 0.01029 | 1.8657 mg/L | 0.01029 | 0.55% |
| Na 589.592 | 339496.2 | | 28.089 mg/L | 0.2937 | 28.089 mg/L | 0.2937 | 1.05% |

Sequence No.: 34

Sample ID: F1016-03CDUP,31441

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 143

Date Collected: 8/3/2007 9:19:58 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F1016-03CDUP,31441

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| K 766.490 | 7821.7 | 1.8446 | mg/L | 0.02182 | 1.8446 | mg/L | 1.18% |
| Na 589.592 | 345637.9 | 28.598 | mg/L | 0.3312 | 28.598 | mg/L | 1.16% |

Sequence No.: 35
 Sample ID: F1016-03CSD,31441
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 144
 Date Collected: 8/3/2007 9:22:20 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F1016-03CSD,31441

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| K 766.490 | 1552.1 | 0.3660 | mg/L | 0.03294 | 0.3660 | mg/L | 9.00% |
| Na 589.592 | 70157.3 | 5.8047 | mg/L | 0.03199 | 5.8047 | mg/L | 0.55% |

Sequence No.: 36
 Sample ID: F1016-04C,31441
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 145
 Date Collected: 8/3/2007 9:24:42 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F1016-04C,31441

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| K 766.490 | 12576.7 | 2.9660 | mg/L | 0.06149 | 2.9660 | mg/L | 2.07% |
| Na 589.592 | 231482.6 | 19.153 | mg/L | 0.1411 | 19.153 | mg/L | 0.74% |

Sequence No.: 37
 Sample ID: F1016-05C,31441
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 146
 Date Collected: 8/3/2007 9:27:04 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F1016-05C,31441

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| K 766.490 | 10424.2 | 2.4584 | mg/L | 0.04902 | 2.4584 | mg/L | 1.99% |
| Na 589.592 | 609239.4 | 50.408 | mg/L | 1.0494 | 50.408 | mg/L | 2.08% |

Sequence No.: 38
 Sample ID: F1016-06C,31441
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 147
 Date Collected: 8/3/2007 9:29:31 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F1016-06C,31441

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| K 766.490 | 16403.0 | 3.8684 | mg/L | 0.00452 | 3.8684 | mg/L | 0.12% |
| Na 589.592 | 572764.8 | 47.390 | mg/L | 0.4112 | 47.390 | mg/L | 0.87% |

Sequence No.: 39
 Sample ID: MB-31385,31385
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 126
 Date Collected: 8/3/2007 9:31:58 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: MB-31385,31385

| Analyte | Mean Corrected | | Calib | | Sample | |
|---------|----------------|-------|-------|----------|--------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units |

| Analyte | Intensity | Conc. Units | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|------------|-----------|--------------|----------|--------------|----------|--------|
| K 766.490 | -232.8 | -0.0549 mg/L | 0.01854 | -0.0549 mg/L | 0.01854 | 33.76% |
| Na 589.592 | 679.1 | 0.0562 mg/L | 0.00212 | 0.0562 mg/L | 0.00212 | 3.78% |

```

=====
Sequence No.: 40
Sample ID: LCS-31385,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 127
Date Collected: 8/3/2007 9:34:20 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:
=====

```

Mean Data: LCS-31385,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|---------------|-------|----------|-------------|--------|----------|-------|
| K 766.490 | 107064.4 | 25.249 mg/L ✓ | | 0.1291 | 25.249 mg/L | | 0.1291 | 0.51% |
| Na 589.592 | 306846.7 | 25.388 mg/L ✓ | | 0.1473 | 25.388 mg/L | | 0.1473 | 0.58% |

```

=====
Sequence No.: 41
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/3/2007 9:36:42 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:
=====

```

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|---------------|-------|----------|-------------|--------|----------|-------|
| K 766.490 | 107152.8 | 25.270 mg/L ✓ | | 0.3397 | 25.270 mg/L | | 0.3397 | 1.34% |
| Na 589.592 | 309425.4 | 25.601 mg/L ✓ | | 0.3142 | 25.601 mg/L | | 0.3142 | 1.23% |

```

=====
Sequence No.: 42
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/3/2007 9:39:02 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:
=====

```

Mean Data: CCB

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|--------------|-------|----------|--------------|--------|----------|---------|
| K 766.490 | -60.3 | -0.0142 mg/L | | 0.01757 | -0.0142 mg/L | | 0.01757 | 123.53% |
| Na 589.592 | 387.7 | 0.0321 mg/L | | 0.00767 | 0.0321 mg/L | | 0.00767 | 23.92% |

```

=====
Sequence No.: 43
Sample ID: F0936-04B,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 128
Date Collected: 8/3/2007 9:41:22 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:
=====

```

Mean Data: F0936-04B,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|-------------|-------|----------|-------------|--------|----------|-------|
| K 766.490 | 358041.4 | 84.438 mg/L | | 0.1384 | 84.438 mg/L | | 0.1384 | 0.16% |
| Na 589.592 | 572484.2 | 47.367 mg/L | | 0.1538 | 47.367 mg/L | | 0.1538 | 0.32% |

```

=====
Sequence No.: 44
Sample ID: F0936-07B,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 129
Date Collected: 8/3/2007 9:43:45 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:
=====

```

Mean Data: F0936-07B,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|---------|--------------------------|-------------|-------|----------|-------------|--------|----------|-----|
| | | | | | | | | |

| | | | | | | |
|------------|-----------|-------------|--------|-------------|--------|-------|
| K 766.490 | 313776.4 | 73.999 mg/L | 0.0139 | 73.999 mg/L | 0.0139 | 0.02% |
| Na 589.592 | 1400915.9 | 115.91 mg/L | 0.039 | 115.91 mg/L | 0.039 | 0.03% |

Sequence No.: 45
 Sample ID: F0936-08B,31385
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 130
 Date Collected: 8/3/2007 9:46:08 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0936-08B,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|-------------|-------|----------|-------------|--------|----------|-------|
| K 766.490 | 247082.7 | 58.270 mg/L | | 1.0783 | 58.270 mg/L | | 1.0783 | 1.85% |
| Na 589.592 | 1021973.5 | 84.557 mg/L | | 1.5467 | 84.557 mg/L | | 1.5467 | 1.83% |

Sequence No.: 46
 Sample ID: F0936-12B,31385
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 131
 Date Collected: 8/3/2007 9:48:31 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0936-12B,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|-------------|-------|----------|-------------|--------|----------|-------|
| K 766.490 | 1167463.7 | 275.33 mg/L | X | 1.292 | 275.33 mg/L | | 1.292 | 0.47% |
| Na 589.592 | 1391172.6 | 115.10 mg/L | ✓ | 0.699 | 115.10 mg/L | | 0.699 | 0.61% |

Sequence No.: 47
 Sample ID: F0936-12BDUP,31385
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 132
 Date Collected: 8/3/2007 9:50:59 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0936-12BDUP,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|-------------|-------|----------|-------------|--------|----------|-------|
| K 766.490 | 1159674.5 | 273.49 mg/L | X | 4.103 | 273.49 mg/L | | 4.103 | 1.50% |
| Na 589.592 | 1362914.7 | 112.77 mg/L | ✓ | 1.496 | 112.77 mg/L | | 1.496 | 1.33% |

Sequence No.: 48
 Sample ID: F0936-12BSD,31385
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 133
 Date Collected: 8/3/2007 9:53:27 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0936-12BSD,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|-------------|-------|----------|-------------|--------|----------|-------|
| K 766.490 | 262605.9 | 61.931 mg/L | ✓ | 0.5132 | 61.931 mg/L | | 0.5132 | 0.83% |
| Na 589.592 | 319153.4 | 26.406 mg/L | ✓ | 0.2218 | 26.406 mg/L | | 0.2218 | 0.84% |

Sequence No.: 49
 Sample ID: F0936-15B,31385
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 134
 Date Collected: 8/3/2007 9:55:50 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0936-15B,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|-----------|--------------------------|-------------|-------|----------|-------------|--------|----------|-------|
| K 766.490 | 52284.9 | 12.331 mg/L | | 0.0062 | 12.331 mg/L | | 0.0062 | 0.05% |

Na 589.592 428211.5 35.430 mg/L 0.0795 35.430 mg/L 0.0795 0.22%

Sequence No.: 50 Autosampler Location: 135
 Sample ID: F0936-17B,31385 Date Collected: 8/3/2007 9:58:12 AM
 Analyst: Data Type: Original
 Initial Sample Wt: Initial Sample Vol:
 Dilution: Sample Prep Vol:

Mean Data: F0936-17B,31385

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | RSD |
|------------|----------------|--------|-------|---------|----------|--------|----------|-------|
| | Intensity | Conc. | Units | Conc. | | Units | Std.Dev. | |
| K 766.490 | 107345.4 | 25.316 | mg/L | 0.0476 | 25.316 | mg/L | 0.0476 | 0.19% |
| Na 589.592 | 97969.8 | 8.1059 | mg/L | 0.02464 | 8.1059 | mg/L | 0.02464 | 0.30% |

Sequence No.: 51 Autosampler Location: 5
 Sample ID: ICSA Date Collected: 8/3/2007 10:00:34 AM
 Analyst: Data Type: Original
 Initial Sample Wt: Initial Sample Vol:
 Dilution: Sample Prep Vol:

Mean Data: ICSA

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | RSD |
|------------|----------------|--------|-------|---------|----------|--------|----------|-------|
| | Intensity | Conc. | Units | Conc. | | Units | Std.Dev. | |
| K 766.490 | 598.8 | 0.1412 | mg/L | 0.00268 | 0.1412 | mg/L | 0.00268 | 1.90% |
| Na 589.592 | 1115.3 | 0.0923 | mg/L | 0.00466 | 0.0923 | mg/L | 0.00466 | 5.05% |

Sequence No.: 52 Autosampler Location: 6
 Sample ID: ICSAB Date Collected: 8/3/2007 10:03:00 AM
 Analyst: Data Type: Original
 Initial Sample Wt: Initial Sample Vol:
 Dilution: Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | RSD |
|------------|----------------|--------|-------|---------|----------|--------|----------|--------|
| | Intensity | Conc. | Units | Conc. | | Units | Std.Dev. | |
| K 766.490 | 344.0 | 0.0811 | mg/L | 0.01258 | 0.0811 | mg/L | 0.01258 | 15.50% |
| Na 589.592 | 926.8 | 0.0767 | mg/L | 0.00544 | 0.0767 | mg/L | 0.00544 | 7.09% |

Sequence No.: 53 Autosampler Location: 3
 Sample ID: CCV Date Collected: 8/3/2007 10:05:17 AM
 Analyst: Data Type: Original
 Initial Sample Wt: Initial Sample Vol:
 Dilution: Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | RSD |
|------------|----------------|--------|--------|--------|----------|--------|----------|-------|
| | Intensity | Conc. | Units | Conc. | | Units | Std.Dev. | |
| K 766.490 | 108704.8 | 25.636 | mg/L ✓ | 0.0265 | 25.636 | mg/L | 0.0265 | 0.10% |
| Na 589.592 | 311702.1 | 25.790 | mg/L ✓ | 0.0372 | 25.790 | mg/L | 0.0372 | 0.14% |

Sequence No.: 54 Autosampler Location: 4
 Sample ID: CCB Date Collected: 8/3/2007 10:07:37 AM
 Analyst: Data Type: Original
 Initial Sample Wt: Initial Sample Vol:
 Dilution: Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | RSD |
|------------|----------------|--------|-------|---------|----------|--------|----------|--------|
| | Intensity | Conc. | Units | Conc. | | Units | Std.Dev. | |
| K 766.490 | 221.3 | 0.0522 | mg/L | 0.01796 | 0.0522 | mg/L | 0.01796 | 34.42% |
| Na 589.592 | 406.2 | 0.0336 | mg/L | 0.00232 | 0.0336 | mg/L | 0.00232 | 6.91% |



Sequence No.: 55
Sample ID: F0936-12B,31385
Analyst:
Initial Sample Wt:
Dilution:

50X K

Autosampler Location: 131
Date Collected: 8/3/2007 10:09:57 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12B,31385

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 27205.3 | | 6.4159 mg/L | 0.01223 | 6.4159 mg/L | 0.01223 | 0.19% |
| Na 589.592 | 32642.6 | | 2.7008 mg/L | 0.00510 | 2.7008 mg/L | 0.00510 | 0.19% |

Sequence No.: 56
Sample ID: F0936-12BDUP,31385
Analyst:
Initial Sample Wt:
Dilution:

50X K

Autosampler Location: 132
Date Collected: 8/3/2007 10:12:19 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BDUP,31385

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 26283.2 | | 6.1985 mg/L | 0.03377 | 6.1985 mg/L | 0.03377 | 0.54% |
| Na 589.592 | 32107.4 | | 2.6565 mg/L | 0.01030 | 2.6565 mg/L | 0.01030 | 0.39% |

Sequence No.: 57
Sample ID: F0936-12BSD,31385
Analyst:
Initial Sample Wt:
Dilution:

250 X K

Autosampler Location: 133
Date Collected: 8/3/2007 10:14:41 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BSD,31385

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 5391.2 | | 1.2714 mg/L | 0.00007 | 1.2714 mg/L | 0.00007 | 0.01% |
| Na 589.592 | 6704.9 | | 0.5548 mg/L | 0.00355 | 0.5548 mg/L | 0.00355 | 0.64% |

Sequence No.: 58
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/3/2007 10:17:03 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|---------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | -0.1 | | 0.0000 mg/L | 0.01297 | 0.0000 mg/L | 0.01297 | >999.9% |
| Na 589.592 | 396.1 | | 0.0328 mg/L | 0.00047 | 0.0328 mg/L | 0.00047 | 1.44% |

Sequence No.: 59
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/3/2007 10:19:24 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|---------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| K 766.490 | 8.5 | | 0.0020 mg/L | 0.00465 | 0.0020 mg/L | 0.00465 | 232.15% |
| Na 589.592 | 331.5 | | 0.0274 mg/L | 0.00599 | 0.0274 mg/L | 0.00599 | 21.82% |

Sequence No.: 60
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/3/2007 10:21:41 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|---------------|----------------------|-------------|-------------|----------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | | |
| K 766.490 | 107405.7 | 25.330 mg/L | 0.1750 | 25.330 mg/L | 0.1750 | 0.69% | | |
| Na 589.592 | 307701.4 | 25.459 mg/L ✓ | 0.2189 | 25.459 mg/L | 0.2189 | 0.86% | | |

Sequence No.: 61
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/3/2007 10:24:01 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|-------------|----------------------|-------------|-------------|----------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | | |
| K 766.490 | 61.0 | 0.0144 mg/L | 0.01917 | 0.0144 mg/L | 0.01917 | 133.17% | | |
| Na 589.592 | 254.0 | 0.0210 mg/L | 0.00567 | 0.0210 mg/L | 0.00567 | 27.01% | | |

| | | |
|-----|------|----------|
| 0.0 | 15.0 | 168336.5 |
| 0.5 | 15.0 | 157642.4 |
| 1.0 | 15.0 | 139389.5 |
| 1.5 | 15.0 | 110286.1 |
| 2.0 | 15.0 | 77372.5 |
| 2.5 | 15.0 | 50686.8 |
| 3.0 | 15.0 | 26144.2 |
| 3.5 | 15.0 | 24019.3 |
| 4.0 | 15.0 | 17169.1 |
| 4.5 | 15.0 | 7382.1 |
| 5.0 | 15.0 | 3610.6 |
| 5.5 | 15.0 | 2578.9 |
| 6.0 | 15.0 | 1826.2 |
| 6.5 | 15.0 | 1495.2 |
| 7.0 | 15.0 | 1203.8 |

8/3/2007 6:14:20 AM aligned for analyte Mn 257.610
 X viewing position set to 0.0 mm having Peak intensity 168336.5 for Radial viewing

Analysis Begun

Start Time: 8/3/2007 6:31:29 AM Plasma On Time: 8/3/2007 5:51:18 AM
 Logged In Analyst: optima3 Technique: ICP Continuous
 Spectrometer Model: Optima 4300 DV, S/N 077N3102302 Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0803B.sif
 Batch ID:
 Results Data Set: B07080301
 Results Library: C:\pe\Administrator\Results\Results.mdb

Method Loaded

Method Name: CLP Method Last Saved: 8/2/2007 10:34:25 AM
 IEC File: B070712X.iec MSF File:
 Method Description: working method for all elements

Sequence No.: 1 Autosampler Location: 1
 Sample ID: S0 Date Collected: 8/3/2007 6:31:29 AM
 Analyst: Data Type: Original
 Initial Sample Wt: Initial Sample Vol:
 Dilution: Sample Prep Vol:

Mean Data: S0

| Analyte | Mean Corrected Intensity | Std.Dev. | RSD | Conc. | Calib Units |
|------------|--------------------------|----------|---------|--------|-------------|
| Ag 328.068 | -83.5 | 29.77 | 35.66% | [0.00] | mg/L |
| Al 308.215 | 5748.4 | 34.20 | 0.59% | [0.00] | mg/L |
| As 188.979 | -0.7 | 0.99 | 133.95% | [0.00] | mg/L |
| Ba 233.527 | -26.5 | 0.89 | 3.35% | [0.00] | mg/L |
| Be 313.107 | -1720.2 | 7.74 | 0.45% | [0.00] | mg/L |
| Co 228.616 | -8.1 | 0.37 | 4.59% | [0.00] | mg/L |
| Cr 267.716 | -29.4 | 5.56 | 18.89% | [0.00] | mg/L |
| Cu 324.752 | 735.7 | 4.98 | 0.68% | [0.00] | mg/L |
| Fe 273.955 | -261.5 | 1.50 | 0.57% | [0.00] | mg/L |
| Mg 279.077 | -270.7 | 22.48 | 8.31% | [0.00] | mg/L |
| Mn 257.610 | 230.1 | 25.40 | 11.04% | [0.00] | mg/L |
| Ni 231.604 | -5.9 | 7.96 | 134.97% | [0.00] | mg/L |
| Pb 220.353 | 17.7 | 4.88 | 27.54% | [0.00] | mg/L |
| Sb 206.836 | 10.0 | 1.37 | 13.69% | [0.00] | mg/L |
| Se 196.026 | 1.7 | 2.23 | 134.23% | [0.00] | mg/L |
| Tl 190.801 | -5.2 | 2.34 | 45.41% | [0.00] | mg/L |
| V 292.402 | -9.2 | 3.33 | 36.03% | [0.00] | mg/L |
| Zn 206.200 | 3.6 | 1.01 | 28.20% | [0.00] | mg/L |
| Na 330.237 | -302.0 | 35.26 | 11.68% | [0.00] | mg/L |
| Cd 226.502 | -26.0 | 1.42 | 5.47% | [0.00] | mg/L |
| Ti 334.940 | -83.8 | 16.23 | 19.38% | [0.00] | mg/L |
| Ca 227.546 | 68.2 | 3.28 | 4.81% | [0.00] | mg/L |

Sequence No.: 2

Autosampler Location: 9

Sample ID: S1

Date Collected: 8/3/2007 6:34:50 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: S1

| Analyte | Mean Corrected Intensity | Std.Dev. | RSD | Calib Conc. Units |
|------------|--------------------------|----------|-------|-------------------|
| Ag 328.068 | 361187.7 | 1576.17 | 0.44% | [2.5] mg/L |
| Al 308.215 | 725286.3 | 27.76 | 0.00% | [20] mg/L |
| As 188.979 | 890.5 | 6.18 | 0.69% | [1] mg/L |
| Ba 233.527 | 2087617.0 | 2565.45 | 0.12% | [20] mg/L |
| Be 313.107 | 1306258.5 | 1494.03 | 0.11% | [0.5] mg/L |
| Co 228.616 | 145913.0 | 575.25 | 0.39% | [5] mg/L |
| Cr 267.716 | 108686.0 | 54.73 | 0.05% | [2] mg/L |
| Cu 324.752 | 805905.6 | 1325.01 | 0.16% | [2.5] mg/L |
| Fe 273.955 | 377660.4 | 574.45 | 0.15% | [10] mg/L |
| Mg 279.077 | 1354597.0 | 157.51 | 0.01% | [50] mg/L |
| Mn 257.610 | 3388675.8 | 5659.51 | 0.17% | [5] mg/L |
| Ni 231.604 | 114771.1 | 463.29 | 0.40% | [5] mg/L |
| Pb 220.353 | 5442.0 | 24.48 | 0.45% | [1] mg/L |
| Sb 206.836 | 1180.4 | 1.38 | 0.12% | [1] mg/L |
| Se 196.026 | 747.7 | 4.88 | 0.65% | [1] mg/L |
| Tl 190.801 | 1391.9 | 7.72 | 0.55% | [1] mg/L |
| V 292.402 | 567073.9 | 1117.60 | 0.20% | [5] mg/L |
| Zn 206.200 | 135621.4 | 233.95 | 0.17% | [5] mg/L |
| Na 330.237 | 75166.3 | 131.80 | 0.18% | [50] mg/L |
| Cd 226.502 | 25420.8 | 75.61 | 0.30% | [0.5] mg/L |
| Ti 334.940 | 967165.6 | 1463.76 | 0.15% | [1] mg/L |
| Ca 227.546 | 14071.5 | 64.54 | 0.46% | [50] mg/L |

Calibration Summary

| Analyte | Stds. | Equation | Intercept | Slope | Curvature | Corr. Coef. | Reslope |
|------------|-------|------------|-----------|---------|-----------|-------------|---------|
| Ag 328.068 | 1 | Lin Thru 0 | 0.0 | 144500 | 0.00000 | 1.000000 | |
| Al 308.215 | 1 | Lin Thru 0 | 0.0 | 36260 | 0.00000 | 1.000000 | |
| As 188.979 | 1 | Lin Thru 0 | 0.0 | 890.5 | 0.00000 | 1.000000 | |
| Ba 233.527 | 1 | Lin Thru 0 | 0.0 | 104400 | 0.00000 | 1.000000 | |
| Be 313.107 | 1 | Lin Thru 0 | 0.0 | 2613000 | 0.00000 | 1.000000 | |
| Co 228.616 | 1 | Lin Thru 0 | 0.0 | 29180 | 0.00000 | 1.000000 | |
| Cr 267.716 | 1 | Lin Thru 0 | 0.0 | 54340 | 0.00000 | 1.000000 | |
| Cu 324.752 | 1 | Lin Thru 0 | 0.0 | 322400 | 0.00000 | 1.000000 | |
| Fe 273.955 | 1 | Lin Thru 0 | 0.0 | 37770 | 0.00000 | 1.000000 | |
| Mg 279.077 | 1 | Lin Thru 0 | 0.0 | 27090 | 0.00000 | 1.000000 | |
| Mn 257.610 | 1 | Lin Thru 0 | 0.0 | 677700 | 0.00000 | 1.000000 | |
| Ni 231.604 | 1 | Lin Thru 0 | 0.0 | 22950 | 0.00000 | 1.000000 | |
| Pb 220.353 | 1 | Lin Thru 0 | 0.0 | 5442 | 0.00000 | 1.000000 | |
| Sb 206.836 | 1 | Lin Thru 0 | 0.0 | 1180 | 0.00000 | 1.000000 | |
| Se 196.026 | 1 | Lin Thru 0 | 0.0 | 747.7 | 0.00000 | 1.000000 | |
| Tl 190.801 | 1 | Lin Thru 0 | 0.0 | 1392 | 0.00000 | 1.000000 | |
| V 292.402 | 1 | Lin Thru 0 | 0.0 | 113400 | 0.00000 | 1.000000 | |
| Zn 206.200 | 1 | Lin Thru 0 | 0.0 | 27120 | 0.00000 | 1.000000 | |
| Na 330.237 | 1 | Lin Thru 0 | 0.0 | 1503 | 0.00000 | 1.000000 | |
| Cd 226.502 | 1 | Lin Thru 0 | 0.0 | 50840 | 0.00000 | 1.000000 | |
| Ti 334.940 | 1 | Lin Thru 0 | 0.0 | 967200 | 0.00000 | 1.000000 | |
| Ca 227.546 | 1 | Lin Thru 0 | 0.0 | 281.4 | 0.00000 | 1.000000 | |

Sequence No.: 3

Autosampler Location: 3

Sample ID: ICV

Date Collected: 8/3/2007 6:38:05 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

User canceled analysis.

=====
Analysis Begun

Start Time: 8/3/2007 6:38:50 AM

Plasma On Time: 8/3/2007 5:51:18 AM

Logged In Analyst: optima3

Technique: ICP Continuous

Spectrometer Model: Optima 4300 DV, S/N 077N3102302 Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0803B.sif

Batch ID:

Results Data Set: B07080301

Results Library: C:\pe\Administrator\Results\Results.mdb

=====
Sequence No.: 1

Autosampler Location: 10

Sample ID: ICV

Date Collected: 8/3/2007 6:38:50 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

=====
Mean Data: ICV

| Analyte | Mean Corrected Intensity | Conc. Units | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|---------------|----------|-------------|----------|-------|
| Ag 328.068 | 265189.6 | 1.7906 mg/L ✓ | 0.05157 | 1.7906 mg/L | 0.05157 | 2.88% |
| Al 308.215 | 523031.3 | 14.394 mg/L ✓ | 0.3109 | 14.394 mg/L | 0.3109 | 2.16% |
| As 188.979 | 650.4 | 0.7521 mg/L | 0.00048 | 0.7521 mg/L | 0.00048 | 0.06% |
| Ba 233.527 | 1554689.1 | 14.899 mg/L | 0.2802 | 14.899 mg/L | 0.2802 | 1.88% |
| Be 313.107 | 948877.6 | 0.3633 mg/L | 0.00748 | 0.3633 mg/L | 0.00748 | 2.06% |
| Co 228.616 | 107705.0 | 3.6928 mg/L | 0.01651 | 3.6928 mg/L | 0.01651 | 0.45% |
| Cr 267.716 | 80163.5 | 1.4748 mg/L | 0.01762 | 1.4748 mg/L | 0.01762 | 1.19% |
| Cu 324.752 | 581557.7 | 1.8052 mg/L | 0.03252 | 1.8052 mg/L | 0.03252 | 1.80% |
| Fe 273.955 | 276826.5 | 7.5851 mg/L ✓ | 0.01768 | 7.5851 mg/L | 0.01768 | 0.23% |
| Mg 279.077 | 986318.7 | 36.450 mg/L | 0.7874 | 36.450 mg/L | 0.7874 | 2.16% |
| Mn 257.610 | 2493658.7 | 3.6795 mg/L ✓ | 0.08279 | 3.6795 mg/L | 0.08279 | 2.25% |
| Ni 231.604 | 84491.3 | 3.6815 mg/L | 0.03046 | 3.6815 mg/L | 0.03046 | 0.83% |
| Pb 220.353 | 3993.6 | 0.7348 mg/L ✓ | 0.00380 | 0.7348 mg/L | 0.00380 | 0.52% |
| Sb 206.836 | 874.5 | 0.6972 mg/L | 0.00681 | 0.6972 mg/L | 0.00681 | 0.98% |
| Se 196.026 | 547.7 | 0.7322 mg/L | 0.00766 | 0.7322 mg/L | 0.00766 | 1.05% |
| Tl 190.801 | 1032.2 | 0.7451 mg/L | 0.00709 | 0.7451 mg/L | 0.00709 | 0.95% |
| V 292.402 | 417691.0 | 3.6857 mg/L | 0.09364 | 3.6857 mg/L | 0.09364 | 2.54% |
| Zn 206.200 | 99933.8 | 3.6921 mg/L ✓ | 0.00008 | 3.6921 mg/L | 0.00008 | 0.00% |
| Na 330.237 | 53553.7 | 35.531 mg/L | 0.1205 | 35.531 mg/L | 0.1205 | 0.34% |
| Cd 226.502 | 18769.0 | 0.3705 mg/L | 0.00337 | 0.3705 mg/L | 0.00337 | 0.91% |
| Ti 334.940 | 836.6 | 0.0011 mg/L | 0.00001 | 0.0011 mg/L | 0.00001 | 0.53% |
| Ca 227.546 | 10311.2 | 36.240 mg/L ✓ | 0.2088 | 36.240 mg/L | 0.2088 | 0.58% |

=====
Sequence No.: 2

Autosampler Location: 4

Sample ID: ICB

Date Collected: 8/3/2007 6:42:02 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

=====
Mean Data: ICB

| Analyte | Mean Corrected Intensity | Conc. Units | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------|----------|-------------|----------|---------|
| Ag 328.068 | 113.9 | 0.0008 mg/L | 0.00005 | 0.0008 mg/L | 0.00005 | 6.29% |
| Al 308.215 | 65.6 | 0.0018 mg/L | 0.00006 | 0.0018 mg/L | 0.00006 | 3.31% |
| As 188.979 | 1.4 | 0.0015 mg/L | 0.00511 | 0.0015 mg/L | 0.00511 | 336.61% |
| Ba 233.527 | 269.5 | 0.0026 mg/L | 0.00036 | 0.0026 mg/L | 0.00036 | 14.03% |
| Be 313.107 | 140.5 | 0.0001 mg/L | 0.00001 | 0.0001 mg/L | 0.00001 | 11.86% |
| Co 228.616 | 27.2 | 0.0009 mg/L | 0.00002 | 0.0009 mg/L | 0.00002 | 2.24% |
| Cr 267.716 | 14.1 | 0.0003 mg/L | 0.00006 | 0.0003 mg/L | 0.00006 | 24.14% |
| Cu 324.752 | 357.9 | 0.0011 mg/L | 0.00004 | 0.0011 mg/L | 0.00004 | 3.68% |
| Fe 273.955 | 177.5 | 0.0046 mg/L | 0.00434 | 0.0046 mg/L | 0.00434 | 94.22% |
| Mg 279.077 | 236.0 | 0.0087 mg/L | 0.00258 | 0.0087 mg/L | 0.00258 | 29.56% |
| Mn 257.610 | 325.6 | 0.0005 mg/L | 0.00017 | 0.0005 mg/L | 0.00017 | 36.01% |
| Ni 231.604 | 19.4 | 0.0008 mg/L | 0.00011 | 0.0008 mg/L | 0.00011 | 12.61% |
| Pb 220.353 | 4.2 | 0.0008 mg/L | 0.00052 | 0.0008 mg/L | 0.00052 | 67.21% |

| | | | | | | |
|------------|-------|--------------|---------|--------------|---------|---------|
| Sb 206.836 | 0.4 | 0.0003 mg/L | 0.00134 | 0.0003 mg/L | 0.00134 | 448.96% |
| Se 196.026 | 0.1 | 0.0002 mg/L | 0.00330 | 0.0002 mg/L | 0.00330 | >999.9% |
| Tl 190.801 | 3.2 | 0.0023 mg/L | 0.00052 | 0.0023 mg/L | 0.00052 | 22.35% |
| V 292.402 | 23.0 | 0.0002 mg/L | 0.00027 | 0.0002 mg/L | 0.00027 | 131.18% |
| Zn 206.200 | 29.3 | 0.0011 mg/L | 0.00031 | 0.0011 mg/L | 0.00031 | 28.43% |
| Na 330.237 | 208.7 | 0.1389 mg/L | 0.01662 | 0.1389 mg/L | 0.01662 | 11.96% |
| Cd 226.502 | 0.8 | 0.0000 mg/L | 0.00012 | 0.0000 mg/L | 0.00012 | 805.70% |
| Ti 334.940 | 82.8 | 0.0001 mg/L | 0.00007 | 0.0001 mg/L | 0.00007 | 87.20% |
| Ca 227.546 | -7.8 | -0.0277 mg/L | 0.05740 | -0.0277 mg/L | 0.05740 | 207.20% |

Sequence No.: 3

Sample ID: CRI

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 7

Date Collected: 8/3/2007 6:45:08 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CRI

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | 1656.5 | 0.0112 mg/L ✓ | 0.00043 | 0.0112 mg/L | 0.00043 | 3.81% |
| Al 308.215 | 7424.7 | 0.2044 mg/L ✓ | 0.00087 | 0.2044 mg/L | 0.00087 | 0.43% |
| As 188.979 | 9.0 | 0.0103 mg/L | 0.00166 | 0.0103 mg/L | 0.00166 | 16.07% |
| Ba 233.527 | 23332.8 | 0.2236 mg/L | 0.00069 | 0.2236 mg/L | 0.00069 | 0.31% |
| Be 313.107 | 13412.0 | 0.0051 mg/L | 0.00001 | 0.0051 mg/L | 0.00001 | 0.17% |
| Co 228.616 | 1585.0 | 0.0546 mg/L | 0.00040 | 0.0546 mg/L | 0.00040 | 0.74% |
| Cr 267.716 | 566.4 | 0.0104 mg/L | 0.00001 | 0.0104 mg/L | 0.00001 | 0.07% |
| Cu 324.752 | 8445.0 | 0.0263 mg/L | 0.00031 | 0.0263 mg/L | 0.00031 | 1.18% |
| Fe 273.955 | 4073.6 | 0.1336 mg/L | 0.00049 | 0.1336 mg/L | 0.00049 | 0.37% |
| Mg 279.077 | 142709.6 | 5.2678 mg/L | 0.01733 | 5.2678 mg/L | 0.01733 | 0.33% |
| Mn 257.610 | 11216.1 | 0.0166 mg/L ✓ | 0.00001 | 0.0166 mg/L | 0.00001 | 0.08% |
| Ni 231.604 | 989.4 | 0.0432 mg/L | 0.00017 | 0.0432 mg/L | 0.00017 | 0.38% |
| Pb 220.353 | 60.7 | 0.0112 mg/L ✓ | 0.00017 | 0.0112 mg/L | 0.00017 | 1.51% |
| Sb 206.836 | 77.5 | 0.0655 mg/L | 0.00177 | 0.0655 mg/L | 0.00177 | 2.70% |
| Se 196.026 | 28.5 | 0.0379 mg/L | 0.00622 | 0.0379 mg/L | 0.00622 | 16.42% |
| Tl 190.801 | 35.4 | 0.0255 mg/L | 0.00069 | 0.0255 mg/L | 0.00069 | 2.70% |
| V 292.402 | 5938.8 | 0.0524 mg/L | 0.00022 | 0.0524 mg/L | 0.00022 | 0.42% |
| Zn 206.200 | 1837.5 | 0.0678 mg/L ✓ | 0.00014 | 0.0678 mg/L | 0.00014 | 0.20% |
| Na 330.237 | 5986.3 | 3.9720 mg/L | 0.08009 | 3.9720 mg/L | 0.08009 | 2.02% |
| Cd 226.502 | 275.1 | 0.0054 mg/L | 0.00003 | 0.0054 mg/L | 0.00003 | 0.58% |
| Ti 334.940 | -11.9 | 0.0000 mg/L | 0.00009 | 0.0000 mg/L | 0.00009 | 191.84% |
| Ca 227.546 | 1371.4 | 4.8670 mg/L ✓ | 0.02518 | 4.8670 mg/L | 0.02518 | 0.52% |

Sequence No.: 4

Sample ID: ICSA

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 5

Date Collected: 8/3/2007 6:48:12 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICSA

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|--|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | -178.7 | -0.0020 mg/L | 0.00060 | -0.0020 mg/L | 0.00060 | 29.51% |
| Al 308.215 | 16801214.7 | 463.30 mg/L ✓ | 1.847 | 463.30 mg/L | 1.847 | 0.40% |
| As 188.979 | -9.9 | -0.0007 mg/L | 0.00345 | -0.0007 mg/L | 0.00345 | 503.19% |
| Ba 233.527 | 315.5 | 0.0018 mg/L | 0.00006 | 0.0018 mg/L | 0.00006 | 3.52% |
| Be 313.107 | 100.7 | 0.0000 mg/L | 0.00000 | 0.0000 mg/L | 0.00000 | 12.44% |
| Co 228.616 | 111.6 | 0.0352 mg/L | 0.00026 | 0.0352 mg/L | 0.00026 | 0.75% |
| Cr 267.716 | -138.0 | 0.0135 mg/L | 0.00017 | 0.0135 mg/L | 0.00017 | 1.27% |
| Cu 324.752 | -5213.1 | -0.0029 mg/L | 0.00008 | -0.0029 mg/L | 0.00008 | 2.79% |
| Fe 273.955 | 6391716.8 | 174.01 mg/L ✓ | 0.797 | 174.01 mg/L | 0.797 | 0.46% |
| Mg 279.077 | 12078264.3 | 445.75 mg/L | 1.947 | 445.75 mg/L | 1.947 | 0.44% |
| Mn 257.610 | 1255.7 | 0.0019 mg/L | 0.00006 | 0.0019 mg/L | 0.00006 | 3.34% |
| Saturated outside survey window (code 6) | | | | | | |
| Ni 231.604 | 49.9 | 0.0249 mg/L | 0.00013 | 0.0249 mg/L | 0.00013 | 0.51% |
| Pb 220.353 | -156.5 | 0.0048 mg/L | 0.00137 | 0.0048 mg/L | 0.00137 | 28.80% |
| Sb 206.836 | -19.6 | -0.0107 mg/L | 0.00161 | -0.0107 mg/L | 0.00161 | 15.03% |
| Se 196.026 | -26.7 | 0.0031 mg/L | 0.00087 | 0.0031 mg/L | 0.00087 | 28.37% |

| | | | | | | |
|------------|----------|--------------|---------|--------------|---------|--------|
| Tl 190.801 | -16.1 | 0.0027 mg/L | 0.00066 | 0.0027 mg/L | 0.00066 | 24.26% |
| V 292.402 | -540.5 | -0.0019 mg/L | 0.00008 | -0.0019 mg/L | 0.00008 | 4.34% |
| Zn 206.200 | 336.1 | 0.0070 mg/L | 0.00009 | 0.0070 mg/L | 0.00009 | 1.22% |
| Na 330.237 | 688.2 | -0.3661 mg/L | 0.00353 | -0.3661 mg/L | 0.00353 | 0.96% |
| Cd 226.502 | 497.0 | 0.0005 mg/L | 0.00017 | 0.0005 mg/L | 0.00017 | 36.56% |
| Ti 334.940 | -5536.0 | 0.0002 mg/L | 0.00005 | 0.0002 mg/L | 0.00005 | 20.22% |
| Ca 227.546 | 140581.5 | 495.86 mg/L | 3.437 | 495.86 mg/L | 3.437 | 0.69% |

Sequence No.: 5

Sample ID: ICSAB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 6

Date Collected: 8/3/2007 6:51:27 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected Intensity | Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------|----------|--------------------|----------|--------|
| Ag 328.068 | 29500.1 | 0.1979 mg/L | 0.00222 | 0.1979 mg/L | 0.00222 | 1.12% |
| Al 308.215 | 16688398.0 | 460.18 mg/L | 1.974 | 460.18 mg/L | 1.974 | 0.43% |
| As 188.979 | 66.1 | 0.0913 mg/L | 0.00124 | 0.0913 mg/L | 0.00124 | 1.36% |
| Ba 233.527 | 50754.4 | 0.4856 mg/L | 0.00242 | 0.4856 mg/L | 0.00242 | 0.50% |
| Be 313.107 | 1160327.5 | 0.4441 mg/L | 0.00267 | 0.4441 mg/L | 0.00267 | 0.60% |
| Co 228.616 | 12366.1 | 0.4551 mg/L | 0.00376 | 0.4551 mg/L | 0.00376 | 0.83% |
| Cr 267.716 | 24294.7 | 0.4629 mg/L | 0.00592 | 0.4629 mg/L | 0.00592 | 1.28% |
| Cu 324.752 | 149944.9 | 0.4785 mg/L | 0.00386 | 0.4785 mg/L | 0.00386 | 0.81% |
| Fe 273.955 | 6366757.9 | 173.33 mg/L | 0.810 | 173.33 mg/L | 0.810 | 0.47% |
| Mg 279.077 | 11995595.6 | 442.70 mg/L | 2.189 | 442.70 mg/L | 2.189 | 0.49% |
| Mn 257.610 | 313811.1 | 0.4631 mg/L | 0.00390 | 0.4631 mg/L | 0.00390 | 0.84% |
| Ni 231.604 | 18981.1 | 0.8495 mg/L | 0.00693 | 0.8495 mg/L | 0.00693 | 0.82% |
| Pb 220.353 | 81.7 | 0.0483 mg/L | 0.00043 | 0.0483 mg/L | 0.00043 | 0.89% |
| Sb 206.836 | 678.1 | 0.5657 mg/L | 0.00001 | 0.5657 mg/L | 0.00001 | 0.00% |
| Se 196.026 | 7.0 | 0.0478 mg/L | 0.00793 | 0.0478 mg/L | 0.00793 | 16.59% |
| Tl 190.801 | 101.6 | 0.0875 mg/L | 0.00002 | 0.0875 mg/L | 0.00002 | 0.02% |
| V 292.402 | 51382.3 | 0.4567 mg/L | 0.00471 | 0.4567 mg/L | 0.00471 | 1.03% |
| Zn 206.200 | 23407.3 | 0.8600 mg/L | 0.00731 | 0.8600 mg/L | 0.00731 | 0.85% |
| Na 330.237 | 1599.2 | 0.2332 mg/L | 0.09438 | 0.2332 mg/L | 0.09438 | 40.47% |
| Cd 226.502 | 44623.0 | 0.8688 mg/L | 0.00493 | 0.8688 mg/L | 0.00493 | 0.57% |
| Ti 334.940 | -5620.4 | 0.0001 mg/L | 0.00001 | 0.0001 mg/L | 0.00001 | 11.54% |
| Ca 227.546 | 140692.6 | 496.22 mg/L | 5.125 | 496.22 mg/L | 5.125 | 1.03% |

Sequence No.: 6

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/3/2007 6:54:40 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------|----------|--------------------|----------|-------|
| Ag 328.068 | 183212.5 | 1.2370 mg/L | 0.01022 | 1.2370 mg/L | 0.01022 | 0.83% |
| Al 308.215 | 361536.5 | 9.9496 mg/L | 0.08916 | 9.9496 mg/L | 0.08916 | 0.90% |
| As 188.979 | 451.5 | 0.5221 mg/L | 0.00667 | 0.5221 mg/L | 0.00667 | 1.28% |
| Ba 233.527 | 1106343.0 | 10.602 mg/L | 0.0199 | 10.602 mg/L | 0.0199 | 0.19% |
| Be 313.107 | 659909.8 | 0.2527 mg/L | 0.00049 | 0.2527 mg/L | 0.00049 | 0.19% |
| Co 228.616 | 75639.6 | 2.5933 mg/L | 0.02611 | 2.5933 mg/L | 0.02611 | 1.01% |
| Cr 267.716 | 56072.4 | 1.0315 mg/L | 0.01020 | 1.0315 mg/L | 0.01020 | 0.99% |
| Cu 324.752 | 403963.3 | 1.2539 mg/L | 0.00131 | 1.2539 mg/L | 0.00131 | 0.10% |
| Fe 273.955 | 195982.6 | 5.3664 mg/L | 0.04235 | 5.3664 mg/L | 0.04235 | 0.79% |
| Mg 279.077 | 696225.1 | 25.729 mg/L | 0.406 | 25.729 mg/L | 0.406 | 0.16% |
| Mn 257.610 | 1751625.8 | 2.5846 mg/L | 0.00832 | 2.5846 mg/L | 0.00832 | 0.32% |
| Ni 231.604 | 59487.2 | 2.5920 mg/L | 0.02631 | 2.5920 mg/L | 0.02631 | 1.02% |
| Pb 220.353 | 2814.9 | 0.5179 mg/L | 0.00135 | 0.5179 mg/L | 0.00135 | 0.26% |
| Sb 206.836 | 598.3 | 0.4763 mg/L | 0.00576 | 0.4763 mg/L | 0.00576 | 1.21% |
| Se 196.026 | 380.2 | 0.5083 mg/L | 0.00463 | 0.5083 mg/L | 0.00463 | 0.91% |
| Tl 190.801 | 722.3 | 0.5214 mg/L | 0.00212 | 0.5214 mg/L | 0.00212 | 0.41% |
| V 292.402 | 289159.4 | 2.5516 mg/L | 0.00104 | 2.5516 mg/L | 0.00104 | 0.04% |
| Zn 206.200 | 70912.0 | 2.6198 mg/L | 0.02297 | 2.6198 mg/L | 0.02297 | 0.88% |

| | | | | | | |
|------------|---------|---------------|---------|-------------|---------|-------|
| Na 330.237 | 36075.0 | 23.933 mg/L | 0.1719 | 23.933 mg/L | 0.1719 | 0.72% |
| Cd 226.502 | 13161.1 | 0.2598 mg/L | 0.00458 | 0.2598 mg/L | 0.00458 | 1.76% |
| Ti 334.940 | 523.6 | 0.0007 mg/L | 0.00006 | 0.0007 mg/L | 0.00006 | 8.64% |
| Ca 227.546 | 7141.5 | 25.096 mg/L ✓ | 0.0507 | 25.096 mg/L | 0.0507 | 0.20% |

Sequence No.: 7

Sample ID: CCB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/3/2007 6:57:52 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | 146.6 | 0.0010 mg/L | 0.00017 | 0.0010 mg/L | 0.00017 | 17.24% |
| Al 308.215 | 407.5 | 0.0112 mg/L | 0.00036 | 0.0112 mg/L | 0.00036 | 3.18% |
| As 188.979 | 2.4 | 0.0028 mg/L | 0.00270 | 0.0028 mg/L | 0.00270 | 98.20% |
| Ba 233.527 | 119.6 | 0.0011 mg/L | 0.00020 | 0.0011 mg/L | 0.00020 | 17.07% |
| Be 313.107 | 174.9 | 0.0001 mg/L | 0.00002 | 0.0001 mg/L | 0.00002 | 26.65% |
| Co 228.616 | 17.7 | 0.0006 mg/L | 0.00001 | 0.0006 mg/L | 0.00001 | 1.10% |
| Cr 267.716 | 4.8 | 0.0001 mg/L | 0.00006 | 0.0001 mg/L | 0.00006 | 67.17% |
| Cu 324.752 | 458.2 | 0.0014 mg/L | 0.00004 | 0.0014 mg/L | 0.00004 | 2.49% |
| Fe 273.955 | 264.1 | 0.0071 mg/L | 0.00102 | 0.0071 mg/L | 0.00102 | 14.43% |
| Mg 279.077 | 462.6 | 0.0171 mg/L | 0.00127 | 0.0171 mg/L | 0.00127 | 7.43% |
| Mn 257.610 | 46.5 | 0.0001 mg/L | 0.00004 | 0.0001 mg/L | 0.00004 | 60.78% |
| Ni 231.604 | 2.3 | 0.0001 mg/L | 0.00001 | 0.0001 mg/L | 0.00001 | 6.21% |
| Pb 220.353 | 2.3 | 0.0004 mg/L | 0.00000 | 0.0004 mg/L | 0.00000 | 0.21% |
| Sb 206.836 | 0.8 | 0.0007 mg/L | 0.00040 | 0.0007 mg/L | 0.00040 | 62.08% |
| Se 196.026 | 1.6 | 0.0021 mg/L | 0.00245 | 0.0021 mg/L | 0.00245 | 115.42% |
| Tl 190.801 | 2.2 | 0.0016 mg/L | 0.00112 | 0.0016 mg/L | 0.00112 | 70.81% |
| V 292.402 | 14.4 | 0.0001 mg/L | 0.00020 | 0.0001 mg/L | 0.00020 | 159.64% |
| Zn 206.200 | 13.5 | 0.0005 mg/L | 0.00008 | 0.0005 mg/L | 0.00008 | 15.83% |
| Na 330.237 | 90.3 | 0.0601 mg/L | 0.02356 | 0.0601 mg/L | 0.02356 | 39.22% |
| Cd 226.502 | 2.1 | 0.0000 mg/L | 0.00003 | 0.0000 mg/L | 0.00003 | 63.07% |
| Ti 334.940 | 19.7 | 0.0000 mg/L | 0.00008 | 0.0000 mg/L | 0.00008 | 370.09% |
| Ca 227.546 | 1.0 | 0.0035 mg/L | 0.00546 | 0.0035 mg/L | 0.00546 | 155.00% |

Sequence No.: 8

Sample ID: F0936-04B,31385

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 38

Date Collected: 8/3/2007 7:00:58 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-04B,31385

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Ag 328.068 | 879.6 | -0.0540 mg/L | 0.00044 | -0.0540 mg/L | 0.00044 | 0.82% |
| Al 308.215 | 1676600.2 | 46.232 mg/L | 0.0340 | 46.232 mg/L | 0.0340 | 0.07% |
| As 188.979 | 67.5 | 0.0792 mg/L | 0.00156 | 0.0792 mg/L | 0.00156 | 1.97% |
| Ba 233.527 | 396833.8 | 3.8000 mg/L | 0.00248 | 3.8000 mg/L | 0.00248 | 0.07% |
| Be 313.107 | 8167.9 | 0.0039 mg/L | 0.00001 | 0.0039 mg/L | 0.00001 | 0.24% |
| Co 228.616 | 2115.7 | 0.0751 mg/L | 0.00051 | 0.0751 mg/L | 0.00051 | 0.67% |
| Cr 267.716 | 15038.4 | 0.2783 mg/L | 0.00162 | 0.2783 mg/L | 0.00162 | 0.58% |
| Cu 324.752 | 720360.6 | 2.2344 mg/L | 0.00227 | 2.2344 mg/L | 0.00227 | 0.10% |
| Fe 273.955 | 10579325.3 | 280.71 mg/L ✓ | 0.508 | 280.71 mg/L | 0.508 | 0.18% |
| Mg 279.077 | 349949.9 | 12.835 mg/L | 0.0002 | 12.835 mg/L | 0.0002 | 0.00% |
| Mn 257.610 | 2579584.5 | 3.8062 mg/L ✓ | 0.00708 | 3.8062 mg/L | 0.00708 | 0.19% |
| Ni 231.604 | 7488.5 | 0.3290 mg/L | 0.00175 | 0.3290 mg/L | 0.00175 | 0.53% |
| Pb 220.353 | 56834.8 | 10.446 mg/L ✓ | 0.0064 | 10.446 mg/L | 0.0064 | 0.06% |
| Sb 206.836 | -40.7 | -0.0416 mg/L | 0.00310 | -0.0416 mg/L | 0.00310 | 7.46% |
| Se 196.026 | -35.5 | 0.0484 mg/L | 0.00452 | 0.0484 mg/L | 0.00452 | 9.34% |
| Tl 190.801 | -17.3 | 0.0586 mg/L | 0.00250 | 0.0586 mg/L | 0.00250 | 4.27% |
| V 292.402 | 16714.1 | 0.1526 mg/L | 0.00020 | 0.1526 mg/L | 0.00020 | 0.13% |
| Zn 206.200 | 355812.8 | 13.119 mg/L ✓ | 0.0124 | 13.119 mg/L | 0.0124 | 0.09% |
| Na 330.237 | 19842.2 | 13.427 mg/L | 0.0493 | 13.427 mg/L | 0.0493 | 0.37% |
| Cd 226.502 | 4083.1 | 0.0651 mg/L | 0.00001 | 0.0651 mg/L | 0.00001 | 0.02% |
| Ti 334.940 | 396092.1 | 0.4105 mg/L | 0.00013 | 0.4105 mg/L | 0.00013 | 0.03% |

Ca 227.546 24017.8 79.348 mg/L ✓ 0.1474 79.348 mg/L 0.1474 0.19%

Sequence No.: 9

Sample ID: F0936-12B,31385

Analyst:

Initial Sample Wt:

Dilution:

10x AlCaMnAsZn

Autosampler Location: 39

Date Collected: 8/3/2007 7:04:12 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-12B,31385

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|---------|--------|---------|----------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | | Units | | | |
| Ag 328.068 | 2573.1 | -0.1011 | mg/L | 0.00007 | -0.1011 | mg/L | 0.00007 | 0.07% | |
| Al 308.215 | 11097607.7 | 306.01 | mg/L ✓ | 0.151 | 306.01 | mg/L | 0.151 | 0.05% | |
| As 188.979 | 9.8 | 0.0210 | mg/L | 0.00257 | 0.0210 | mg/L | 0.00257 | 12.23% | |
| Ba 233.527 | 157247.3 | 1.5033 | mg/L | 0.00283 | 1.5033 | mg/L | 0.00283 | 0.19% | |
| Be 313.107 | 61391.0 | 0.0239 | mg/L | 0.00007 | 0.0239 | mg/L | 0.00007 | 0.30% | |
| Co 228.616 | 8744.4 | 0.3104 | mg/L | 0.00021 | 0.3104 | mg/L | 0.00021 | 0.07% | |
| Cr 267.716 | 30172.3 | 0.5613 | mg/L | 0.00369 | 0.5613 | mg/L | 0.00369 | 0.66% | |
| Cu 324.752 | 1772882.6 | 5.5010 | mg/L | 0.01448 | 5.5010 | mg/L | 0.01448 | 0.26% | |
| Fe 273.955 | 21201409.1 | 563.94 | mg/L X | 0.307 | 563.94 | mg/L | 0.307 | 0.05% | |
| Mg 279.077 | 2458014.8 | 90.611 | mg/L | 0.2729 | 90.611 | mg/L | 0.2729 | 0.30% | |
| Mn 257.610 | 7891238.3 | 11.644 | mg/L ✓ | 0.0018 | 11.644 | mg/L | 0.0018 | 0.02% | |
| Ni 231.604 | 18893.1 | 0.8355 | mg/L | 0.00819 | 0.8355 | mg/L | 0.00819 | 0.98% | |
| Pb 220.353 | 115394.2 | 21.221 | mg/L ✓ | 0.1461 | 21.221 | mg/L | 0.1461 | 0.69% | |
| Sb 206.836 | -61.4 | -0.0681 | mg/L | 0.00010 | -0.0681 | mg/L | 0.00010 | 0.14% | |
| Se 196.026 | -94.3 | 0.0645 | mg/L | 0.00141 | 0.0645 | mg/L | 0.00141 | 2.19% | |
| Tl 190.801 | -43.4 | 0.1009 | mg/L | 0.00396 | 0.1009 | mg/L | 0.00396 | 3.92% | |
| V 292.402 | 72962.2 | 0.6541 | mg/L | 0.00211 | 0.6541 | mg/L | 0.00211 | 0.32% | |
| Zn 206.200 | 462349.1 | 17.043 | mg/L ✓ | 0.1062 | 17.043 | mg/L | 0.1062 | 0.62% | |
| Na 330.237 | 36298.4 | 24.349 | mg/L | 0.0190 | 24.349 | mg/L | 0.0190 | 0.08% | |
| Cd 226.502 | 5187.6 | 0.0715 | mg/L | 0.00046 | 0.0715 | mg/L | 0.00046 | 0.64% | |
| Ti 334.940 | 228961.1 | 0.2394 | mg/L | 0.00060 | 0.2394 | mg/L | 0.00060 | 0.25% | |
| Ca 227.546 | 65295.5 | 219.99 | mg/L ✓ | 1.022 | 219.99 | mg/L | 1.022 | 0.46% | |

Sequence No.: 10

Sample ID: F0936-12BDUP,31385

Analyst:

Initial Sample Wt:

Dilution:

10x AlCaMnAsZn

Autosampler Location: 40

Date Collected: 8/3/2007 7:07:33 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-12BDUP,31385

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|---------|--------|---------|----------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | | Units | | | |
| Ag 328.068 | 2072.1 | -0.1035 | mg/L | 0.00077 | -0.1035 | mg/L | 0.00077 | 0.74% | |
| Al 308.215 | 10942134.6 | 301.73 | mg/L ✓ | 0.345 | 301.73 | mg/L | 0.345 | 0.11% | |
| As 188.979 | 9.2 | 0.0205 | mg/L ✓ | 0.00158 | 0.0205 | mg/L | 0.00158 | 7.72% | |
| Ba 233.527 | 161666.0 | 1.5457 | mg/L | 0.00809 | 1.5457 | mg/L | 0.00809 | 0.52% | |
| Be 313.107 | 61785.3 | 0.0237 | mg/L | 0.00018 | 0.0237 | mg/L | 0.00018 | 0.75% | |
| Co 228.616 | 8678.4 | 0.3088 | mg/L | 0.00080 | 0.3088 | mg/L | 0.00080 | 0.26% | |
| Cr 267.716 | 30975.0 | 0.5760 | mg/L | 0.00413 | 0.5760 | mg/L | 0.00413 | 0.72% | |
| Cu 324.752 | 1787521.3 | 5.5465 | mg/L | 0.04043 | 5.5465 | mg/L | 0.04043 | 0.73% | |
| Fe 273.955 | 21067866.5 | 560.38 | mg/L X | 0.142 | 560.38 | mg/L | 0.142 | 0.03% | |
| Mg 279.077 | 2456463.4 | 90.554 | mg/L | 0.4195 | 90.554 | mg/L | 0.4195 | 0.46% | |
| Mn 257.610 | 7817851.4 | 11.535 | mg/L ✓ | 0.0005 | 11.535 | mg/L | 0.0005 | 0.00% | |
| Ni 231.604 | 18862.0 | 0.8342 | mg/L | 0.00336 | 0.8342 | mg/L | 0.00336 | 0.40% | |
| Pb 220.353 | 116467.7 | 21.418 | mg/L ✓ | 0.1764 | 21.418 | mg/L | 0.1764 | 0.82% | |
| Sb 206.836 | -57.6 | -0.0655 | mg/L | 0.00798 | -0.0655 | mg/L | 0.00798 | 12.17% | |
| Se 196.026 | -102.9 | 0.0516 | mg/L | 0.00087 | 0.0516 | mg/L | 0.00087 | 1.68% | |
| Tl 190.801 | -35.2 | 0.1061 | mg/L | 0.00220 | 0.1061 | mg/L | 0.00220 | 2.07% | |
| V 292.402 | 71253.5 | 0.6390 | mg/L | 0.00466 | 0.6390 | mg/L | 0.00466 | 0.73% | |
| Zn 206.200 | 464470.3 | 17.122 | mg/L ✓ | 0.1097 | 17.122 | mg/L | 0.1097 | 0.64% | |
| Na 330.237 | 35926.5 | 24.053 | mg/L | 0.0799 | 24.053 | mg/L | 0.0799 | 0.33% | |
| Cd 226.502 | 5235.3 | 0.0727 | mg/L | 0.00043 | 0.0727 | mg/L | 0.00043 | 0.60% | |
| Ti 334.940 | 33274.5 | 0.0371 | mg/L | 0.00127 | 0.0371 | mg/L | 0.00127 | 3.42% | |
| Ca 227.546 | 65369.5 | 220.32 | mg/L ✓ | 1.405 | 220.32 | mg/L | 1.405 | 0.64% | |

Sequence No.: 11
 Sample ID: F0936-12BMS,31385
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 41
 Date Collected: 8/3/2007 7:10:54 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

10X AlCaMn~~Pb~~Zn

 Mean Data: F0936-12BMS,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|--------------|-------|----------|--------------|--------|----------|---------|
| Ag 328.068 | 3536.6 | -0.0462 mg/L | | 0.00088 | -0.0462 mg/L | | 0.00088 | 1.90% |
| Al 308.215 | 10866923.0 | 299.66 mg/L | ✓ | 3.149 | 299.66 mg/L | | 3.149 | 1.05% |
| As 188.979 | -12.3 | -0.0021 mg/L | | 0.00212 | -0.0021 mg/L | | 0.00212 | 103.25% |
| Ba 233.527 | 341364.2 | 3.2676 mg/L | | 0.00224 | 3.2676 mg/L | | 0.00224 | 0.07% |
| Be 313.107 | 76881.2 | 0.0295 mg/L | | 0.00008 | 0.0295 mg/L | | 0.00008 | 0.28% |
| Co 228.616 | 10501.0 | 0.3723 mg/L | | 0.00054 | 0.3723 mg/L | | 0.00054 | 0.15% |
| Cr 267.716 | 31159.2 | 0.5767 mg/L | | 0.00349 | 0.5767 mg/L | | 0.00349 | 0.60% |
| Cu 324.752 | 1828858.4 | 5.6763 mg/L | | 0.01377 | 5.6763 mg/L | | 0.01377 | 0.24% |
| Fe 273.955 | 14874080.0 | 396.37 mg/L | ✗ | 3.832 | 396.37 mg/L | | 3.832 | 0.97% |
| Mg 279.077 | 2464121.2 | 90.912 mg/L | | 0.0041 | 90.912 mg/L | | 0.0041 | 0.00% |
| Mn 257.610 | 7894500.0 | 11.648 mg/L | ✓ | 0.1164 | 11.648 mg/L | | 0.1164 | 1.00% |
| Ni 231.604 | 21166.7 | 0.9346 mg/L | | 0.00587 | 0.9346 mg/L | | 0.00587 | 0.63% |
| Pb 220.353 | 116959.9 | 21.508 mg/L | ✓ | 0.0783 | 21.508 mg/L | | 0.0783 | 0.36% |
| Sb 206.836 | -44.6 | -0.0555 mg/L | | 0.00566 | -0.0555 mg/L | | 0.00566 | 10.20% |
| Se 196.026 | -64.5 | 0.0423 mg/L | | 0.00176 | 0.0423 mg/L | | 0.00176 | 4.15% |
| Tl 190.801 | -20.5 | 0.0763 mg/L | | 0.00058 | 0.0763 mg/L | | 0.00058 | 0.76% |
| V 292.402 | -689.0 | 0.0019 mg/L | | 0.00041 | 0.0019 mg/L | | 0.00041 | 21.35% |
| Zn 206.200 | 470598.8 | 17.348 mg/L | ✓ | 0.0368 | 17.348 mg/L | | 0.0368 | 0.21% |
| Na 330.237 | 36436.4 | 24.206 mg/L | | 0.0537 | 24.206 mg/L | | 0.0537 | 0.22% |
| Cd 226.502 | 4921.6 | 0.0756 mg/L | | 0.00001 | 0.0756 mg/L | | 0.00001 | 0.02% |
| Ti 334.940 | 16892.0 | 0.0202 mg/L | | 0.00002 | 0.0202 mg/L | | 0.00002 | 0.11% |
| Ca 227.546 | 65483.5 | 224.23 mg/L | ✓ | 0.170 | 224.23 mg/L | | 0.170 | 0.08% |

Sequence No.: 12
 Sample ID: F0936-12BSD,31385
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 42
 Date Collected: 8/3/2007 7:14:10 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

50X AlCaMn~~Pb~~Zn

 Mean Data: F0936-12BSD,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|--------------|-------|----------|--------------|--------|----------|--------|
| Ag 328.068 | 562.2 | -0.0270 mg/L | | 0.00009 | -0.0270 mg/L | | 0.00009 | 0.34% |
| Al 308.215 | 2333649.5 | 64.350 mg/L | ✓ | 0.4744 | 64.350 mg/L | | 0.4744 | 0.74% |
| As 188.979 | 0.8 | 0.0028 mg/L | | 0.00147 | 0.0028 mg/L | | 0.00147 | 52.17% |
| Ba 233.527 | 35002.6 | 0.3345 mg/L | | 0.00110 | 0.3345 mg/L | | 0.00110 | 0.33% |
| Be 313.107 | 13830.5 | 0.0054 mg/L | | 0.00004 | 0.0054 mg/L | | 0.00004 | 0.70% |
| Co 228.616 | 2002.0 | 0.0705 mg/L | | 0.00023 | 0.0705 mg/L | | 0.00023 | 0.32% |
| Cr 267.716 | 6800.1 | 0.1265 mg/L | | 0.00306 | 0.1265 mg/L | | 0.00306 | 2.42% |
| Cu 324.752 | 371699.2 | 1.1530 mg/L | | 0.00374 | 1.1530 mg/L | | 0.00374 | 0.32% |
| Fe 273.955 | 5365236.4 | 142.59 mg/L | ✓ | 0.736 | 142.59 mg/L | | 0.736 | 0.52% |
| Mg 279.077 | 563597.7 | 20.770 mg/L | | 0.1163 | 20.770 mg/L | | 0.1163 | 0.56% |
| Mn 257.610 | 1819937.1 | 2.6853 mg/L | ✓ | 0.02222 | 2.6853 mg/L | | 0.02222 | 0.83% |
| Ni 231.604 | 4257.2 | 0.1880 mg/L | | 0.00047 | 0.1880 mg/L | | 0.00047 | 0.25% |
| Pb 220.353 | 27096.4 | 4.9825 mg/L | ✓ | 0.04564 | 4.9825 mg/L | | 0.04564 | 0.92% |
| Sb 206.836 | -16.9 | -0.0180 mg/L | | 0.00145 | -0.0180 mg/L | | 0.00145 | 8.02% |
| Se 196.026 | -17.7 | 0.0252 mg/L | | 0.00176 | 0.0252 mg/L | | 0.00176 | 6.99% |
| Tl 190.801 | -7.4 | 0.0288 mg/L | | 0.00178 | 0.0288 mg/L | | 0.00178 | 6.20% |
| V 292.402 | 15977.2 | 0.1436 mg/L | | 0.00137 | 0.1436 mg/L | | 0.00137 | 0.96% |
| Zn 206.200 | 110596.5 | 4.0770 mg/L | ✓ | 0.02418 | 4.0770 mg/L | | 0.02418 | 0.59% |
| Na 330.237 | 7659.2 | 5.1701 mg/L | | 0.12985 | 5.1701 mg/L | | 0.12985 | 2.51% |
| Cd 226.502 | 1140.9 | 0.0147 mg/L | | 0.00006 | 0.0147 mg/L | | 0.00006 | 0.43% |
| Ti 334.940 | 47536.0 | 0.0497 mg/L | | 0.00201 | 0.0497 mg/L | | 0.00201 | 4.05% |
| Ca 227.546 | 12940.7 | 42.941 mg/L | ✓ | 0.1199 | 42.941 mg/L | | 0.1199 | 0.28% |

Sequence No.: 13
 Sample ID: F0981-01B,31385
 Analyst:

Autosampler Location: 43
 Date Collected: 8/3/2007 7:17:22 AM
 Data Type: Original

10X AlFePbZnCa

Initial Sample Wt:
Dilution:*10X AlFe ~~Pb~~ ZnCa*Initial Sample Vol:
Sample Prep Vol:-----
Mean Data: F0981-01B,31385

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|--------|----------|---------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Ag 328.068 | 1166.3 | -0.0350 | mg/L | 0.00044 | -0.0350 | mg/L | 1.26% |
| Al 308.215 | 2449231.5 | 67.537 | mg/L ✓ | 0.5929 | 67.537 | mg/L | 0.88% |
| As 188.979 | 83.1 | 0.0976 | mg/L | 0.00240 | 0.0976 | mg/L | 2.46% |
| Ba 233.527 | 228434.3 | 2.1872 | mg/L | 0.00436 | 2.1872 | mg/L | 0.20% |
| Be 313.107 | 15835.9 | 0.0069 | mg/L | 0.00007 | 0.0069 | mg/L | 1.03% |
| Co 228.616 | 2363.2 | 0.0869 | mg/L | 0.00002 | 0.0869 | mg/L | 0.02% |
| Cr 267.716 | 12200.0 | 0.2263 | mg/L | 0.00329 | 0.2263 | mg/L | 1.45% |
| Cu 324.752 | 439448.8 | 1.3650 | mg/L ✓ | 0.01378 | 1.3650 | mg/L | 1.01% |
| Fe 273.955 | 8316079.0 | 221.10 | mg/L ✓ | 1.807 | 221.10 | mg/L | 0.82% |
| Mg 279.077 | 644613.7 | 23.733 | mg/L | 0.2169 | 23.733 | mg/L | 0.91% |
| Mn 257.610 | 2274223.9 | 3.3556 | mg/L | 0.03120 | 3.3556 | mg/L | 0.93% |
| Ni 231.604 | 4577.9 | 0.2039 | mg/L | 0.00121 | 0.2039 | mg/L | 0.60% |
| Pb 220.353 | 72010.2 | 13.236 | mg/L ✓ | 0.0720 | 13.236 | mg/L | 0.54% |
| Sb 206.836 | -29.5 | -0.0293 | mg/L | 0.00200 | -0.0293 | mg/L | 6.85% |
| Se 196.026 | -20.6 | 0.0432 | mg/L | 0.00004 | 0.0432 | mg/L | 0.10% |
| Tl 190.801 | -18.5 | 0.0408 | mg/L | 0.00216 | 0.0408 | mg/L | 5.29% |
| V 292.402 | 23297.5 | 0.2096 | mg/L | 0.00243 | 0.2096 | mg/L | 1.16% |
| Zn 206.200 | 229649.2 | 8.4665 | mg/L ✓ | 0.02195 | 8.4665 | mg/L | 0.26% |
| Na 330.237 | 13392.3 | 8.9853 | mg/L | 0.05152 | 8.9853 | mg/L | 0.57% |
| Cd 226.502 | 1636.9 | 0.0202 | mg/L | 0.00037 | 0.0202 | mg/L | 1.85% |
| Ti 334.940 | 452129.8 | 0.4690 | mg/L | 0.00517 | 0.4690 | mg/L | 1.10% |
| Ca 227.546 | 37573.4 | 128.80 | mg/L ✓ | 0.133 | 128.80 | mg/L | 0.10% |

Sequence No.: 14

Sample ID: F0981-06B,31385

Analyst:

Initial Sample Wt:

Dilution:

10X AlCaFe

Autosampler Location: 44

Date Collected: 8/3/2007 7:20:35 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-06B,31385

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|--------|----------|---------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Ag 328.068 | 51.3 | -0.0470 | mg/L | 0.00061 | -0.0470 | mg/L | 1.30% |
| Al 308.215 | 3485543.6 | 96.114 | mg/L ✓ | 0.4411 | 96.114 | mg/L | 0.46% |
| As 188.979 | 49.8 | 0.0587 | mg/L | 0.00210 | 0.0587 | mg/L | 3.57% |
| Ba 233.527 | 99225.4 | 0.9489 | mg/L | 0.00547 | 0.9489 | mg/L | 0.58% |
| Be 313.107 | 13419.1 | 0.0057 | mg/L | 0.00005 | 0.0057 | mg/L | 0.93% |
| Co 228.616 | 4403.8 | 0.1587 | mg/L | 0.00002 | 0.1587 | mg/L | 0.01% |
| Cr 267.716 | 8376.9 | 0.1511 | mg/L | 0.00006 | 0.1511 | mg/L | 0.04% |
| Cu 324.752 | 128208.9 | 0.3999 | mg/L ✓ | 0.00211 | 0.3999 | mg/L | 0.53% |
| Fe 273.955 | 9813930.1 | 261.04 | mg/L ✓ | 2.637 | 261.04 | mg/L | 1.01% |
| Mg 279.077 | 1680868.0 | 62.044 | mg/L | 0.3087 | 62.044 | mg/L | 0.50% |
| Mn 257.610 | 6870522.7 | 10.137 | mg/L | 0.1263 | 10.137 | mg/L | 1.25% |
| Ni 231.604 | 6352.3 | 0.2827 | mg/L | 0.00015 | 0.2827 | mg/L | 0.05% |
| Pb 220.353 | 2029.1 | 0.3780 | mg/L | 0.00029 | 0.3780 | mg/L | 0.08% |
| Sb 206.836 | -29.1 | -0.0260 | mg/L | 0.00172 | -0.0260 | mg/L | 6.60% |
| Se 196.026 | -23.8 | 0.0465 | mg/L | 0.00166 | 0.0465 | mg/L | 3.57% |
| Tl 190.801 | -14.8 | 0.0600 | mg/L | 0.00548 | 0.0600 | mg/L | 9.13% |
| V 292.402 | 14690.2 | 0.1349 | mg/L | 0.00154 | 0.1349 | mg/L | 1.14% |
| Zn 206.200 | 24873.6 | 0.9171 | mg/L | 0.00893 | 0.9171 | mg/L | 0.97% |
| Na 330.237 | 16246.7 | 10.838 | mg/L | 0.0867 | 10.838 | mg/L | 0.80% |
| Cd 226.502 | 878.5 | 0.0031 | mg/L | 0.00021 | 0.0031 | mg/L | 6.66% |
| Ti 334.940 | 276512.6 | 0.2878 | mg/L ✓ | 0.00192 | 0.2878 | mg/L | 0.67% |
| Ca 227.546 | 44618.7 | 153.01 | mg/L ✓ | 0.464 | 153.01 | mg/L | 0.30% |

Sequence No.: 15

Sample ID: F0936-07B,31385

Analyst:

Initial Sample Wt:

Dilution:

5X AgFeCa

Autosampler Location: 45

Date Collected: 8/3/2007 7:23:50 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

5X AgFeCa

Mean Data: F0936-07B,31385

| Analyte | Mean Corrected | | Calib | | Sample | | RSD | |
|------------|----------------|---------|-------|----------|---------|-------|---------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | | |
| Ag 328.068 | 113706.1 | 0.7653 | mg/L | 0.00519 | 0.7653 | mg/L | 0.00519 | 0.68% |
| Al 308.215 | 2577837.7 | 71.083 | mg/L | 0.5120 | 71.083 | mg/L | 0.5120 | 0.72% |
| As 188.979 | 154.5 | 0.1791 | mg/L | 0.00056 | 0.1791 | mg/L | 0.00056 | 0.31% |
| Ba 233.527 | 1029735.3 | 9.8644 | mg/L | 0.07072 | 9.8644 | mg/L | 0.07072 | 0.72% |
| Be 313.107 | 13001.4 | 0.0069 | mg/L | 0.00004 | 0.0069 | mg/L | 0.00004 | 0.65% |
| Co 228.616 | 1510.2 | 0.0576 | mg/L | 0.00007 | 0.0576 | mg/L | 0.00007 | 0.12% |
| Cr 267.716 | 11692.9 | 0.2171 | mg/L | 0.00046 | 0.2171 | mg/L | 0.00046 | 0.21% |
| Cu 324.752 | 1132578.7 | 3.5165 | mg/L | 0.01266 | 3.5165 | mg/L | 0.01266 | 0.36% |
| Fe 273.955 | 5164693.2 | 137.73 | mg/L | 0.863 | 137.73 | mg/L | 0.863 | 0.63% |
| Mg 279.077 | 570332.5 | 21.014 | mg/L | 0.1491 | 21.014 | mg/L | 0.1491 | 0.71% |
| Mn 257.610 | 1406565.7 | 2.0754 | mg/L | 0.01009 | 2.0754 | mg/L | 0.01009 | 0.49% |
| Ni 231.604 | 4000.2 | 0.1786 | mg/L | 0.00034 | 0.1786 | mg/L | 0.00034 | 0.19% |
| Pb 220.353 | 39449.1 | 7.2530 | mg/L | 0.03232 | 7.2530 | mg/L | 0.03232 | 0.45% |
| Sb 206.836 | 0.8 | -0.0024 | mg/L | 0.00075 | -0.0024 | mg/L | 0.00075 | 30.75% |
| Se 196.026 | -2.6 | 0.0374 | mg/L | 0.00340 | 0.0374 | mg/L | 0.00340 | 9.08% |
| Tl 190.801 | -8.4 | 0.0252 | mg/L | 0.00027 | 0.0252 | mg/L | 0.00027 | 1.05% |
| V 292.402 | 19942.1 | 0.1782 | mg/L | 0.00134 | 0.1782 | mg/L | 0.00134 | 0.75% |
| Zn 206.200 | 160520.9 | 5.9175 | mg/L | 0.03934 | 5.9175 | mg/L | 0.03934 | 0.66% |
| Na 330.237 | 37259.5 | 24.860 | mg/L | 0.3902 | 24.860 | mg/L | 0.3902 | 1.57% |
| Cd 226.502 | 1117.4 | 0.0145 | mg/L | 0.00003 | 0.0145 | mg/L | 0.00003 | 0.20% |
| Ti 334.940 | 999391.0 | 1.0351 | mg/L | 0.00219 | 1.0351 | mg/L | 0.00219 | 0.21% |
| Ca 227.546 | 42250.4 | 147.18 | mg/L | 2.272 | 147.18 | mg/L | 2.272 | 1.54% |

Sequence No.: 16

Sample ID: F0936-08B,31385

Analyst:

Initial Sample Wt:

Dilution:

5X AgFeCa

Autosampler Location: 46

Date Collected: 8/3/2007 7:27:04 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-08B,31385

| Analyte | Mean Corrected | | Calib | | Sample | | RSD | |
|------------|----------------|--------|-------|----------|--------|-------|---------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | | |
| Ag 328.068 | 98794.8 | 0.6679 | mg/L | 0.00436 | 0.6679 | mg/L | 0.00436 | 0.65% |
| Al 308.215 | 1773738.4 | 48.910 | mg/L | 0.1285 | 48.910 | mg/L | 0.1285 | 0.26% |
| As 188.979 | 107.0 | 0.1242 | mg/L | 0.00475 | 0.1242 | mg/L | 0.00475 | 3.82% |
| Ba 233.527 | 732856.9 | 7.0204 | mg/L | 0.02072 | 7.0204 | mg/L | 0.02072 | 0.30% |
| Be 313.107 | 8777.4 | 0.0048 | mg/L | 0.00002 | 0.0048 | mg/L | 0.00002 | 0.49% |
| Co 228.616 | 1105.8 | 0.0420 | mg/L | 0.00009 | 0.0420 | mg/L | 0.00009 | 0.22% |
| Cr 267.716 | 8646.7 | 0.1604 | mg/L | 0.00122 | 0.1604 | mg/L | 0.00122 | 0.76% |
| Cu 324.752 | 765811.0 | 2.3779 | mg/L | 0.00829 | 2.3779 | mg/L | 0.00829 | 0.35% |
| Fe 273.955 | 3784729.8 | 100.91 | mg/L | 0.180 | 100.91 | mg/L | 0.180 | 0.18% |
| Mg 279.077 | 438549.2 | 16.161 | mg/L | 0.0325 | 16.161 | mg/L | 0.0325 | 0.20% |
| Mn 257.610 | 1076763.0 | 1.5888 | mg/L | 0.00422 | 1.5888 | mg/L | 0.00422 | 0.27% |
| Ni 231.604 | 2924.2 | 0.1305 | mg/L | 0.00036 | 0.1305 | mg/L | 0.00036 | 0.27% |
| Pb 220.353 | 28658.6 | 5.2690 | mg/L | 0.03906 | 5.2690 | mg/L | 0.03906 | 0.74% |
| Sb 206.836 | 9.9 | 0.0061 | mg/L | 0.00230 | 0.0061 | mg/L | 0.00230 | 37.46% |
| Se 196.026 | -1.0 | 0.0284 | mg/L | 0.00320 | 0.0284 | mg/L | 0.00320 | 11.25% |
| Tl 190.801 | -7.7 | 0.0177 | mg/L | 0.00151 | 0.0177 | mg/L | 0.00151 | 8.53% |
| V 292.402 | 14394.5 | 0.1287 | mg/L | 0.00145 | 0.1287 | mg/L | 0.00145 | 1.12% |
| Zn 206.200 | 112579.5 | 4.1503 | mg/L | 0.02522 | 4.1503 | mg/L | 0.02522 | 0.61% |
| Na 330.237 | 26600.2 | 17.764 | mg/L | 0.0670 | 17.764 | mg/L | 0.0670 | 0.38% |
| Cd 226.502 | 771.3 | 0.0097 | mg/L | 0.00011 | 0.0097 | mg/L | 0.00011 | 1.16% |
| Ti 334.940 | 788945.6 | 0.8170 | mg/L | 0.00177 | 0.8170 | mg/L | 0.00177 | 0.22% |
| Ca 227.546 | 30766.5 | 107.17 | mg/L | 0.618 | 107.17 | mg/L | 0.618 | 0.58% |

Sequence No.: 17

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/3/2007 7:30:16 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

Mean Corrected

Calib

Sample

| Analyte | Intensity | Conc. Units | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|------------|-----------|-------------|----------|-------------|----------|-------|
| Ag 328.068 | 184346.8 | 1.2449 mg/L | 0.00141 | 1.2449 mg/L | 0.00141 | 0.11% |
| Al 308.215 | 362581.2 | 9.9784 mg/L | 0.00286 | 9.9784 mg/L | 0.00286 | 0.03% |
| As 188.979 | 456.1 | 0.5275 mg/L | 0.00061 | 0.5275 mg/L | 0.00061 | 0.12% |
| Ba 233.527 | 1113031.3 | 10.666 mg/L | 0.0826 | 10.666 mg/L | 0.0826 | 0.77% |
| Be 313.107 | 657371.5 | 0.2517 mg/L | 0.00179 | 0.2517 mg/L | 0.00179 | 0.71% |
| Co 228.616 | 75345.5 | 2.5833 mg/L | 0.00489 | 2.5833 mg/L | 0.00489 | 0.19% |
| Cr 267.716 | 56496.4 | 1.0393 mg/L | 0.00141 | 1.0393 mg/L | 0.00141 | 0.14% |
| Cu 324.752 | 405621.9 | 1.2591 mg/L | 0.01303 | 1.2591 mg/L | 0.01303 | 1.03% |
| Fe 273.955 | 197747.0 | 5.4137 mg/L | 0.00039 | 5.4137 mg/L | 0.00039 | 0.01% |
| Mg 279.077 | 693132.1 | 25.615 mg/L | 0.1731 | 25.615 mg/L | 0.1731 | 0.68% |
| Mn 257.610 | 1750090.3 | 2.5823 mg/L | 0.01805 | 2.5823 mg/L | 0.01805 | 0.70% |
| Ni 231.604 | 59703.3 | 2.6014 mg/L | 0.00508 | 2.6014 mg/L | 0.00508 | 0.20% |
| Pb 220.353 | 2837.4 | 0.5220 mg/L | 0.00020 | 0.5220 mg/L | 0.00020 | 0.04% |
| Sb 206.836 | 605.4 | 0.4821 mg/L | 0.00207 | 0.4821 mg/L | 0.00207 | 0.43% |
| Se 196.026 | 377.3 | 0.5045 mg/L | 0.00162 | 0.5045 mg/L | 0.00162 | 0.32% |
| Tl 190.801 | 724.9 | 0.5233 mg/L | 0.00112 | 0.5233 mg/L | 0.00112 | 0.21% |
| V 292.402 | 289041.7 | 2.5505 mg/L | 0.01671 | 2.5505 mg/L | 0.01671 | 0.66% |
| Zn 206.200 | 71025.0 | 2.6240 mg/L | 0.00224 | 2.6240 mg/L | 0.00224 | 0.09% |
| Na 330.237 | 36260.1 | 24.056 mg/L | 0.0396 | 24.056 mg/L | 0.0396 | 0.16% |
| Cd 226.502 | 13346.9 | 0.2634 mg/L | 0.00071 | 0.2634 mg/L | 0.00071 | 0.27% |
| Ti 334.940 | 776.6 | 0.0010 mg/L | 0.00005 | 0.0010 mg/L | 0.00005 | 5.12% |
| Ca 227.546 | 7180.1 | 25.232 mg/L | 0.0555 | 25.232 mg/L | 0.0555 | 0.22% |

Sequence No.: 18
 Sample ID: CCB
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 4
 Date Collected: 8/3/2007 7:33:28 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | 121.0 | 0.0008 mg/L | 0.00010 | 0.0008 mg/L | 0.00010 | 12.24% |
| Al 308.215 | -152.1 | -0.0042 mg/L | 0.00040 | -0.0042 mg/L | 0.00040 | 9.57% |
| As 188.979 | 2.1 | 0.0024 mg/L | 0.00172 | 0.0024 mg/L | 0.00172 | 71.64% |
| Ba 233.527 | 143.3 | 0.0014 mg/L | 0.00018 | 0.0014 mg/L | 0.00018 | 12.80% |
| Be 313.107 | 216.4 | 0.0001 mg/L | 0.00001 | 0.0001 mg/L | 0.00001 | 12.62% |
| Co 228.616 | 14.8 | 0.0005 mg/L | 0.00006 | 0.0005 mg/L | 0.00006 | 12.63% |
| Cr 267.716 | 4.9 | 0.0001 mg/L | 0.00014 | 0.0001 mg/L | 0.00014 | 158.99% |
| Cu 324.752 | 812.2 | 0.0025 mg/L | 0.00010 | 0.0025 mg/L | 0.00010 | 3.95% |
| Fe 273.955 | 496.4 | 0.0130 mg/L | 0.00112 | 0.0130 mg/L | 0.00112 | 8.60% |
| Mg 279.077 | 190.2 | 0.0070 mg/L | 0.00380 | 0.0070 mg/L | 0.00380 | 54.16% |
| Mn 257.610 | 133.4 | 0.0002 mg/L | 0.00004 | 0.0002 mg/L | 0.00004 | 17.91% |
| Ni 231.604 | 2.0 | 0.0001 mg/L | 0.00015 | 0.0001 mg/L | 0.00015 | 180.52% |
| Pb 220.353 | 15.8 | 0.0029 mg/L | 0.00038 | 0.0029 mg/L | 0.00038 | 12.94% |
| Sb 206.836 | 1.0 | 0.0008 mg/L | 0.00014 | 0.0008 mg/L | 0.00014 | 16.82% |
| Se 196.026 | 1.8 | 0.0024 mg/L | 0.00131 | 0.0024 mg/L | 0.00131 | 55.03% |
| Tl 190.801 | 4.1 | 0.0029 mg/L | 0.00259 | 0.0029 mg/L | 0.00259 | 88.76% |
| V 292.402 | 8.2 | 0.0001 mg/L | 0.00041 | 0.0001 mg/L | 0.00041 | 565.29% |
| Zn 206.200 | 37.3 | 0.0014 mg/L | 0.00010 | 0.0014 mg/L | 0.00010 | 7.04% |
| Na 330.237 | 181.3 | 0.1207 mg/L | 0.02680 | 0.1207 mg/L | 0.02680 | 22.20% |
| Cd 226.502 | 1.4 | 0.0000 mg/L | 0.00009 | 0.0000 mg/L | 0.00009 | 334.18% |
| Ti 334.940 | 97.8 | 0.0001 mg/L | 0.00004 | 0.0001 mg/L | 0.00004 | 42.21% |
| Ca 227.546 | -10.9 | -0.0392 mg/L | 0.00527 | -0.0392 mg/L | 0.00527 | 13.44% |

Sequence No.: 19
 Sample ID: F0936-05B,31386
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 47
 Date Collected: 8/3/2007 7:36:34 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

3X Fe

Mean Data: F0936-05B,31386

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Ag 328.068 | -20.7 | -0.0299 mg/L | 0.00014 | -0.0299 mg/L | 0.00014 | 0.47% |
| Al 308.215 | 417790.1 | 11.520 mg/L | 0.0754 | 11.520 mg/L | 0.0754 | 0.65% |

| | | | | | | | |
|----|---------|-----------|---------------|---------|--------------|---------|--------|
| As | 188.979 | 15.4 | 0.0163 mg/L | 0.00180 | 0.0163 mg/L | 0.00180 | 11.03% |
| Ba | 233.527 | 27214.2 | 0.2598 mg/L | 0.00042 | 0.2598 mg/L | 0.00042 | 0.16% |
| Be | 313.107 | 5641.5 | 0.0023 mg/L | 0.00000 | 0.0023 mg/L | 0.00000 | 0.16% |
| Co | 228.616 | 1261.2 | 0.0425 mg/L | 0.00006 | 0.0425 mg/L | 0.00006 | 0.14% |
| Cr | 267.716 | 1038.6 | 0.0178 mg/L | 0.00000 | 0.0178 mg/L | 0.00000 | 0.01% |
| Cu | 324.752 | 32366.8 | 0.0993 mg/L | 0.00090 | 0.0993 mg/L | 0.00090 | 0.90% |
| Fe | 273.955 | 4954486.1 | 131.28 mg/L ✓ | 1.270 | 131.28 mg/L | 1.270 | 0.97% |
| Mg | 279.077 | 91905.5 | 3.3759 mg/L | 0.01719 | 3.3759 mg/L | 0.01719 | 0.51% |
| Mn | 257.610 | 2495988.6 | 3.6828 mg/L | 0.03323 | 3.6828 mg/L | 0.03323 | 0.90% |
| Ni | 231.604 | 2989.6 | 0.1306 mg/L | 0.00019 | 0.1306 mg/L | 0.00019 | 0.15% |
| Pb | 220.353 | 269.7 | 0.0495 mg/L | 0.00017 | 0.0495 mg/L | 0.00017 | 0.35% |
| Sb | 206.836 | -10.3 | -0.0089 mg/L | 0.00033 | -0.0089 mg/L | 0.00033 | 3.69% |
| Se | 196.026 | -15.5 | 0.0243 mg/L | 0.00258 | 0.0243 mg/L | 0.00258 | 10.61% |
| Tl | 190.801 | -0.7 | 0.0358 mg/L | 0.00072 | 0.0358 mg/L | 0.00072 | 2.00% |
| V | 292.402 | 3576.9 | 0.0341 mg/L | 0.00020 | 0.0341 mg/L | 0.00020 | 0.60% |
| Zn | 206.200 | 12175.8 | 0.4491 mg/L | 0.00136 | 0.4491 mg/L | 0.00136 | 0.30% |
| Na | 330.237 | 764.7 | 0.6639 mg/L | 0.00338 | 0.6639 mg/L | 0.00338 | 0.51% |
| Cd | 226.502 | 497.8 | 0.0026 mg/L | 0.00002 | 0.0026 mg/L | 0.00002 | 0.63% |
| Ti | 334.940 | 100649.2 | 0.1041 mg/L | 0.00018 | 0.1041 mg/L | 0.00018 | 0.17% |
| Ca | 227.546 | 2000.9 | 4.3173 mg/L | 0.00303 | 4.3173 mg/L | 0.00303 | 0.07% |

Sequence No.: 20

Sample ID: F0936-13B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 48

Date Collected: 8/3/2007 7:39:46 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

3x Fe

Mean Data: F0936-13B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD | | |
|---------|----------------|-----------|---------|----------|---------|---------|------|---------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | | | |
| Ag | 328.068 | 7.6 | -0.0327 | mg/L | 0.00009 | -0.0327 | mg/L | 0.00009 | 0.29% |
| Al | 308.215 | 1446091.0 | 39.873 | mg/L | 0.1373 | 39.873 | mg/L | 0.1373 | 0.34% |
| As | 188.979 | 10.4 | 0.0129 | mg/L | 0.00173 | 0.0129 | mg/L | 0.00173 | 13.35% |
| Ba | 233.527 | 91357.6 | 0.8749 | mg/L | 0.00288 | 0.8749 | mg/L | 0.00288 | 0.33% |
| Be | 313.107 | 3056.3 | 0.0025 | mg/L | 0.00001 | 0.0025 | mg/L | 0.00001 | 0.32% |
| Co | 228.616 | 1452.9 | 0.0483 | mg/L | 0.00021 | 0.0483 | mg/L | 0.00021 | 0.44% |
| Cr | 267.716 | 5512.2 | 0.1024 | mg/L | 0.00561 | 0.1024 | mg/L | 0.00561 | 5.48% |
| Cu | 324.752 | 1902317.7 | 5.9006 | mg/L | 0.01319 | 5.9006 | mg/L | 0.01319 | 0.22% |
| Fe | 273.955 | 4871079.6 | 129.29 | mg/L ✓ | 0.311 | 129.29 | mg/L | 0.311 | 0.24% |
| Mg | 279.077 | 483409.6 | 17.811 | mg/L | 0.0403 | 17.811 | mg/L | 0.0403 | 0.23% |
| Mn | 257.610 | 1520699.8 | 2.2438 | mg/L | 0.00150 | 2.2438 | mg/L | 0.00150 | 0.07% |
| Ni | 231.604 | 11437.7 | 0.4987 | mg/L | 0.01041 | 0.4987 | mg/L | 0.01041 | 2.09% |
| Pb | 220.353 | 10468.3 | 1.9237 | mg/L | 0.01674 | 1.9237 | mg/L | 0.01674 | 0.87% |
| Sb | 206.836 | 59.0 | 0.0480 | mg/L | 0.00078 | 0.0480 | mg/L | 0.00078 | 1.62% |
| Se | 196.026 | -14.8 | 0.0276 | mg/L | 0.00779 | 0.0276 | mg/L | 0.00779 | 28.22% |
| Tl | 190.801 | -11.0 | 0.0235 | mg/L | 0.00078 | 0.0235 | mg/L | 0.00078 | 3.31% |
| V | 292.402 | 47754.9 | 0.4229 | mg/L | 0.00556 | 0.4229 | mg/L | 0.00556 | 1.32% |
| Zn | 206.200 | 57529.2 | 2.1206 | mg/L | 0.01266 | 2.1206 | mg/L | 0.01266 | 0.60% |
| Na | 330.237 | 3113.8 | 2.3296 | mg/L | 0.03181 | 2.3296 | mg/L | 0.03181 | 1.37% |
| Cd | 226.502 | 652.9 | 0.0060 | mg/L | 0.00010 | 0.0060 | mg/L | 0.00010 | 1.64% |
| Ti | 334.940 | 723783.4 | 0.7486 | mg/L | 0.00109 | 0.7486 | mg/L | 0.00109 | 0.15% |
| Ca | 227.546 | 6791.6 | 21.323 | mg/L | 0.0824 | 21.323 | mg/L | 0.0824 | 0.39% |

Sequence No.: 21

Sample ID: F0936-17B,31386 *5 jaw et/lot*

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 49

Date Collected: 8/3/2007 7:43:00 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

3x Fe

Mean Data: F0936-17B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD | | |
|---------|----------------|-----------|---------|----------|---------|---------|------|---------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | | | |
| Ag | 328.068 | 6.6 | -0.0411 | mg/L | 0.00054 | -0.0411 | mg/L | 0.00054 | 1.31% |
| Al | 308.215 | 3307755.0 | 91.211 | mg/L | 1.1024 | 91.211 | mg/L | 1.1024 | 1.21% |
| As | 188.979 | 42.7 | 0.0503 | mg/L | 0.00734 | 0.0503 | mg/L | 0.00734 | 14.59% |
| Ba | 233.527 | 230527.7 | 2.2073 | mg/L | 0.01663 | 2.2073 | mg/L | 0.01663 | 0.75% |
| Be | 313.107 | 12266.7 | 0.0054 | mg/L | 0.00004 | 0.0054 | mg/L | 0.00004 | 0.66% |

| | | | | | | | |
|----|---------|-----------|---------------|---------|--------------|---------|--------|
| Co | 228.616 | 3794.0 | 0.1329 mg/L | 0.00046 | 0.1329 mg/L | 0.00046 | 0.35% |
| Cr | 267.716 | 8240.5 | 0.1503 mg/L | 0.00050 | 0.1503 mg/L | 0.00050 | 0.33% |
| Cu | 324.752 | 108510.0 | 0.3370 mg/L | 0.00308 | 0.3370 mg/L | 0.00308 | 0.91% |
| Fe | 273.955 | 7662934.2 | 203.72 mg/L ✓ | 1.817 | 203.72 mg/L | 1.817 | 0.89% |
| Mg | 279.077 | 946516.3 | 34.931 mg/L | 0.3215 | 34.931 mg/L | 0.3215 | 0.92% |
| Mn | 257.610 | 4945964.3 | 7.2978 mg/L | 0.07528 | 7.2978 mg/L | 0.07528 | 1.03% |
| Ni | 231.604 | 5118.5 | 0.2269 mg/L | 0.00020 | 0.2269 mg/L | 0.00020 | 0.09% |
| Pb | 220.353 | 941.6 | 0.1777 mg/L | 0.00009 | 0.1777 mg/L | 0.00009 | 0.05% |
| Sb | 206.836 | -21.4 | -0.0215 mg/L | 0.00143 | -0.0215 mg/L | 0.00143 | 6.65% |
| Se | 196.026 | -19.2 | 0.0396 mg/L | 0.00711 | 0.0396 mg/L | 0.00711 | 17.95% |
| Tl | 190.801 | -6.7 | 0.0480 mg/L | 0.00049 | 0.0480 mg/L | 0.00049 | 1.02% |
| V | 292.402 | 15566.5 | 0.1415 mg/L | 0.00128 | 0.1415 mg/L | 0.00128 | 0.91% |
| Zn | 206.200 | 21230.5 | 0.7825 mg/L | 0.00565 | 0.7825 mg/L | 0.00565 | 0.72% |
| Na | 330.237 | 4406.5 | 3.0748 mg/L | 0.00139 | 3.0748 mg/L | 0.00139 | 0.05% |
| Cd | 226.502 | 774.5 | 0.0042 mg/L | 0.00006 | 0.0042 mg/L | 0.00006 | 1.39% |
| Ti | 334.940 | 365667.6 | 0.3790 mg/L | 0.00574 | 0.3790 mg/L | 0.00574 | 1.52% |
| Ca | 227.546 | 22976.4 | 77.320 mg/L | 0.6126 | 77.320 mg/L | 0.6126 | 0.79% |

Sequence No.: 22

Sample ID: CRI

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 7

Date Collected: 8/3/2007 7:46:17 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CRI

| Analyte | Mean Corrected Intensity | Conc. | Calib Units | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|---------|--------------------------|----------|---------------|----------|-------------|----------|--------|
| Ag | 328.068 | 1579.5 | 0.0106 mg/L ✓ | 0.00028 | 0.0106 mg/L | 0.00028 | 2.63% |
| Al | 308.215 | 7598.4 | 0.2092 mg/L | 0.00629 | 0.2092 mg/L | 0.00629 | 3.01% |
| As | 188.979 | 10.3 | 0.0117 mg/L | 0.00041 | 0.0117 mg/L | 0.00041 | 3.48% |
| Ba | 233.527 | 23614.5 | 0.2263 mg/L | 0.00122 | 0.2263 mg/L | 0.00122 | 0.54% |
| Be | 313.107 | 13457.5 | 0.0052 mg/L | 0.00002 | 0.0052 mg/L | 0.00002 | 0.36% |
| Co | 228.616 | 1558.8 | 0.0537 mg/L | 0.00023 | 0.0537 mg/L | 0.00023 | 0.43% |
| Cr | 267.716 | 559.1 | 0.0103 mg/L | 0.00004 | 0.0103 mg/L | 0.00004 | 0.35% |
| Cu | 324.752 | 9037.0 | 0.0282 mg/L | 0.00007 | 0.0282 mg/L | 0.00007 | 0.26% |
| Fe | 273.955 | 6037.1 | 0.1856 mg/L | 0.00515 | 0.1856 mg/L | 0.00515 | 2.77% |
| Mg | 279.077 | 144114.8 | 5.3197 mg/L | 0.03165 | 5.3197 mg/L | 0.03165 | 0.59% |
| Mn | 257.610 | 11942.8 | 0.0176 mg/L ✓ | 0.00034 | 0.0176 mg/L | 0.00034 | 1.92% |
| Ni | 231.604 | 980.2 | 0.0428 mg/L | 0.00016 | 0.0428 mg/L | 0.00016 | 0.37% |
| Pb | 220.353 | 61.2 | 0.0113 mg/L ✓ | 0.00111 | 0.0113 mg/L | 0.00111 | 9.83% |
| Sb | 206.836 | 79.5 | 0.0672 mg/L | 0.00209 | 0.0672 mg/L | 0.00209 | 3.11% |
| Se | 196.026 | 29.5 | 0.0392 mg/L | 0.00384 | 0.0392 mg/L | 0.00384 | 9.79% |
| Tl | 190.801 | 36.1 | 0.0260 mg/L | 0.00320 | 0.0260 mg/L | 0.00320 | 12.30% |
| V | 292.402 | 5894.5 | 0.0520 mg/L | 0.00012 | 0.0520 mg/L | 0.00012 | 0.23% |
| Zn | 206.200 | 1846.2 | 0.0682 mg/L ✓ | 0.00004 | 0.0682 mg/L | 0.00004 | 0.05% |
| Na | 330.237 | 6055.5 | 4.0181 mg/L | 0.08211 | 4.0181 mg/L | 0.08211 | 2.04% |
| Cd | 226.502 | 280.8 | 0.0055 mg/L | 0.00003 | 0.0055 mg/L | 0.00003 | 0.49% |
| Ti | 334.940 | 73.0 | 0.0001 mg/L | 0.00003 | 0.0001 mg/L | 0.00003 | 23.81% |
| Ca | 227.546 | 1366.6 | 4.8487 mg/L ✓ | 0.05264 | 4.8487 mg/L | 0.05264 | 1.09% |

Sequence No.: 23

Sample ID: ICSA

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 5

Date Collected: 8/3/2007 7:49:21 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICSA

| Analyte | Mean Corrected Intensity | Conc. | Calib Units | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|---------|--------------------------|------------|---------------|----------|--------------|----------|---------|
| Ag | 328.068 | -178.6 | -0.0013 mg/L | 0.00006 | -0.0013 mg/L | 0.00006 | 4.29% |
| Al | 308.215 | 16848784.7 | 464.61 mg/L ✓ | 1.043 | 464.61 mg/L | 1.043 | 0.22% |
| As | 188.979 | -9.2 | 0.0003 mg/L | 0.00225 | 0.0003 mg/L | 0.00225 | 793.24% |
| Ba | 233.527 | 317.7 | 0.0018 mg/L | 0.00007 | 0.0018 mg/L | 0.00007 | 3.81% |
| Be | 313.107 | 161.4 | 0.0001 mg/L | 0.00001 | 0.0001 mg/L | 0.00001 | 16.54% |
| Co | 228.616 | 108.8 | 0.0357 mg/L | 0.00001 | 0.0357 mg/L | 0.00001 | 0.02% |
| Cr | 267.716 | -137.3 | 0.0136 mg/L | 0.00029 | 0.0136 mg/L | 0.00029 | 2.11% |
| Cu | 324.752 | -4633.8 | -0.0008 mg/L | 0.00003 | -0.0008 mg/L | 0.00003 | 4.13% |

| | | | | | | |
|--|------------|--------------|---------|--------------|---------|---------|
| Fe 273.955 | 6383779.5 | 173.83 mg/L✓ | 0.150 | 173.83 mg/L | 0.150 | 0.09% |
| Mg 279.077 | 12014330.7 | 443.39 mg/L | 0.404 | 443.39 mg/L | 0.404 | 0.09% |
| Mn 257.610 | 1586.8 | 0.0023 mg/L | 0.00009 | 0.0023 mg/L | 0.00009 | 3.75% |
| Saturated outside survey window (code 6) | | | | | | |
| Ni 231.604 | 43.6 | 0.0249 mg/L | 0.00019 | 0.0249 mg/L | 0.00019 | 0.77% |
| Pb 220.353 | -154.1 | 0.0053 mg/L | 0.00108 | 0.0053 mg/L | 0.00108 | 20.17% |
| Sb 206.836 | -14.5 | -0.0062 mg/L | 0.00407 | -0.0062 mg/L | 0.00407 | 66.01% |
| Se 196.026 | -27.0 | 0.0019 mg/L | 0.01113 | 0.0019 mg/L | 0.01113 | 592.44% |
| Tl 190.801 | -10.7 | 0.0064 mg/L | 0.00492 | 0.0064 mg/L | 0.00492 | 76.47% |
| V 292.402 | -582.9 | -0.0023 mg/L | 0.00018 | -0.0023 mg/L | 0.00018 | 8.17% |
| Zn 206.200 | 331.0 | 0.0068 mg/L | 0.00007 | 0.0068 mg/L | 0.00007 | 0.97% |
| Na 330.237 | 894.3 | -0.2461 mg/L | 0.00591 | -0.2461 mg/L | 0.00591 | 2.40% |
| Cd 226.502 | 529.2 | 0.0011 mg/L | 0.00041 | 0.0011 mg/L | 0.00041 | 36.43% |
| Ti 334.940 | -5602.8 | 0.0003 mg/L | 0.00005 | 0.0003 mg/L | 0.00005 | 16.77% |
| Ca 227.546 | 142927.8 | 504.20 mg/L✓ | 0.833 | 504.20 mg/L | 0.833 | 0.17% |

Sequence No.: 24

Autosampler Location: 6

Sample ID: ICSAB

Date Collected: 8/3/2007 7:52:36 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Ag 328.068 | 28969.7 | 0.1952 | mg/L✓ | 0.00307 | 0.1952 | mg/L | 1.57% |
| Al 308.215 | 16601535.6 | 457.79 | mg/L✓ | 7.099 | 457.79 | mg/L | 1.55% |
| As 188.979 | 69.9 | 0.0956 | mg/L | 0.00343 | 0.0956 | mg/L | 3.59% |
| Ba 233.527 | 51443.3 | 0.4922 | mg/L | 0.00249 | 0.4922 | mg/L | 0.51% |
| Be 313.107 | 1152893.3 | 0.4413 | mg/L | 0.00076 | 0.4413 | mg/L | 0.17% |
| Co 228.616 | 12086.7 | 0.4460 | mg/L | 0.00145 | 0.4460 | mg/L | 0.32% |
| Cr 267.716 | 23715.9 | 0.4522 | mg/L | 0.00589 | 0.4522 | mg/L | 1.30% |
| Cu 324.752 | 151755.1 | 0.4843 | mg/L | 0.00162 | 0.4843 | mg/L | 0.34% |
| Fe 273.955 | 6310864.5 | 171.86 | mg/L✓ | 2.592 | 171.86 | mg/L | 1.51% |
| Mg 279.077 | 11853754.3 | 437.47 | mg/L | 6.577 | 437.47 | mg/L | 1.50% |
| Mn 257.610 | 313201.7 | 0.4622 | mg/L✓ | 0.00049 | 0.4622 | mg/L | 0.11% |
| Ni 231.604 | 18490.1 | 0.8282 | mg/L | 0.00185 | 0.8282 | mg/L | 0.22% |
| Pb 220.353 | 82.9 | 0.0484 | mg/L✓ | 0.00087 | 0.0484 | mg/L | 1.80% |
| Sb 206.836 | 702.8 | 0.5872 | mg/L | 0.00385 | 0.5872 | mg/L | 0.66% |
| Se 196.026 | 8.8 | 0.0490 | mg/L | 0.00414 | 0.0490 | mg/L | 8.45% |
| Tl 190.801 | 107.5 | 0.0916 | mg/L | 0.00391 | 0.0916 | mg/L | 4.27% |
| V 292.402 | 50730.6 | 0.4509 | mg/L | 0.00363 | 0.4509 | mg/L | 0.81% |
| Zn 206.200 | 23314.5 | 0.8565 | mg/L✓ | 0.00484 | 0.8565 | mg/L | 0.57% |
| Na 330.237 | 1800.8 | 0.3526 | mg/L | 0.08942 | 0.3526 | mg/L | 25.36% |
| Cd 226.502 | 44985.5 | 0.8760 | mg/L | 0.00383 | 0.8760 | mg/L | 0.44% |
| Ti 334.940 | -5593.4 | 0.0002 | mg/L | 0.00008 | 0.0002 | mg/L | 38.04% |
| Ca 227.546 | 142518.8 | 502.74 | mg/L✓ | 1.034 | 502.74 | mg/L | 0.21% |

Sequence No.: 25

Autosampler Location: 3

Sample ID: CCV

Date Collected: 8/3/2007 7:55:49 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Ag 328.068 | 179296.9 | 1.2101 | mg/L✓ | 0.01458 | 1.2101 | mg/L | 1.20% |
| Al 308.215 | 359580.9 | 9.8958 | mg/L✓ | 0.03502 | 9.8958 | mg/L | 0.35% |
| As 188.979 | 460.7 | 0.5322 | mg/L | 0.00130 | 0.5322 | mg/L | 0.24% |
| Ba 233.527 | 1123593.2 | 10.768 | mg/L | 0.0355 | 10.768 | mg/L | 0.33% |
| Be 313.107 | 659447.7 | 0.2525 | mg/L | 0.00031 | 0.2525 | mg/L | 0.12% |
| Co 228.616 | 74551.6 | 2.5561 | mg/L | 0.02252 | 2.5561 | mg/L | 0.88% |
| Cr 267.716 | 55051.4 | 1.0127 | mg/L | 0.01230 | 1.0127 | mg/L | 1.21% |
| Cu 324.752 | 408336.4 | 1.2675 | mg/L | 0.00249 | 1.2675 | mg/L | 0.20% |
| Fe 273.955 | 195843.0 | 5.3636 | mg/L✓ | 0.00479 | 5.3636 | mg/L | 0.09% |
| Mg 279.077 | 702008.1 | 25.943 | mg/L | 0.0872 | 25.943 | mg/L | 0.34% |

| | | | | | | |
|------------|-----------|--------------|---------|-------------|---------|-------|
| Mn 257.610 | 1761930.7 | 2.5998 mg/L✓ | 0.01534 | 2.5998 mg/L | 0.01534 | 0.59% |
| Ni 231.604 | 58395.2 | 2.5444 mg/L | 0.02937 | 2.5444 mg/L | 0.02937 | 1.15% |
| Pb 220.353 | 2814.4 | 0.5178 mg/L✓ | 0.00543 | 0.5178 mg/L | 0.00543 | 1.05% |
| Sb 206.836 | 610.5 | 0.4873 mg/L | 0.00328 | 0.4873 mg/L | 0.00328 | 0.67% |
| Se 196.026 | 381.4 | 0.5098 mg/L | 0.00195 | 0.5098 mg/L | 0.00195 | 0.38% |
| Tl 190.801 | 725.7 | 0.5239 mg/L | 0.00010 | 0.5239 mg/L | 0.00010 | 0.02% |
| V 292.402 | 287942.1 | 2.5408 mg/L | 0.01559 | 2.5408 mg/L | 0.01559 | 0.61% |
| Zn 206.200 | 70442.5 | 2.6024 mg/L✓ | 0.01458 | 2.6024 mg/L | 0.01458 | 0.56% |
| Na 330.237 | 35911.5 | 23.824 mg/L | 0.0749 | 23.824 mg/L | 0.0749 | 0.31% |
| Cd 226.502 | 13156.0 | 0.2597 mg/L | 0.00008 | 0.2597 mg/L | 0.00008 | 0.03% |
| Ti 334.940 | 523.9 | 0.0007 mg/L | 0.00003 | 0.0007 mg/L | 0.00003 | 3.49% |
| Ca 227.546 | 7203.3 | 25.318 mg/L✓ | 0.1300 | 25.318 mg/L | 0.1300 | 0.51% |

Sequence No.: 26

Sample ID: CCB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/3/2007 7:59:01 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--------------|----------------------|----------|--------------|----------|---------|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | 61.4 | 0.0004 mg/L | 0.00013 | 0.00013 | 0.0004 mg/L | 0.00013 | 30.17% |
| Al 308.215 | 336.6 | 0.0093 mg/L | 0.00849 | 0.00849 | 0.0093 mg/L | 0.00849 | 91.45% |
| As 188.979 | -1.1 | -0.0012 mg/L | 0.00038 | 0.00038 | -0.0012 mg/L | 0.00038 | 31.68% |
| Ba 233.527 | 125.3 | 0.0012 mg/L | 0.00005 | 0.00005 | 0.0012 mg/L | 0.00005 | 4.16% |
| Be 313.107 | 209.6 | 0.0001 mg/L | 0.00001 | 0.00001 | 0.0001 mg/L | 0.00001 | 13.87% |
| Co 228.616 | 15.0 | 0.0005 mg/L | 0.00000 | 0.00000 | 0.0005 mg/L | 0.00000 | 0.25% |
| Cr 267.716 | 14.0 | 0.0003 mg/L | 0.00005 | 0.00005 | 0.0003 mg/L | 0.00005 | 20.29% |
| Cu 324.752 | 661.4 | 0.0020 mg/L | 0.00003 | 0.00003 | 0.0020 mg/L | 0.00003 | 1.35% |
| Fe 273.955 | 511.7 | 0.0134 mg/L | 0.00069 | 0.00069 | 0.0134 mg/L | 0.00069 | 5.15% |
| Mg 279.077 | 561.5 | 0.0207 mg/L | 0.00510 | 0.00510 | 0.0207 mg/L | 0.00510 | 24.59% |
| Mn 257.610 | 123.0 | 0.0002 mg/L | 0.00001 | 0.00001 | 0.0002 mg/L | 0.00001 | 5.53% |
| Ni 231.604 | 7.9 | 0.0003 mg/L | 0.00017 | 0.00017 | 0.0003 mg/L | 0.00017 | 49.81% |
| Pb 220.353 | 6.4 | 0.0012 mg/L | 0.00036 | 0.00036 | 0.0012 mg/L | 0.00036 | 30.60% |
| Sb 206.836 | 3.7 | 0.0031 mg/L | 0.00033 | 0.00033 | 0.0031 mg/L | 0.00033 | 10.61% |
| Se 196.026 | -0.3 | -0.0004 mg/L | 0.00260 | 0.00260 | -0.0004 mg/L | 0.00260 | 604.82% |
| Tl 190.801 | 2.5 | 0.0018 mg/L | 0.00069 | 0.00069 | 0.0018 mg/L | 0.00069 | 37.68% |
| V 292.402 | 2.4 | 0.0000 mg/L | 0.00000 | 0.00000 | 0.0000 mg/L | 0.00000 | 20.71% |
| Zn 206.200 | 19.4 | 0.0007 mg/L | 0.00003 | 0.00003 | 0.0007 mg/L | 0.00003 | 4.86% |
| Na 330.237 | 114.7 | 0.0764 mg/L | 0.10056 | 0.10056 | 0.0764 mg/L | 0.10056 | 131.60% |
| Cd 226.502 | 3.6 | 0.0001 mg/L | 0.00000 | 0.00000 | 0.0001 mg/L | 0.00000 | 0.70% |
| Ti 334.940 | -13.3 | 0.0000 mg/L | 0.00002 | 0.00002 | 0.0000 mg/L | 0.00002 | 115.62% |
| Ca 227.546 | -18.0 | -0.0644 mg/L | 0.00116 | 0.00116 | -0.0644 mg/L | 0.00116 | 1.80% |

Reprocessing Begun

Logged In Analyst: optima3

Technique: ICP Continuous

Results Data Set (original): B07080305

Results Library (original): C:\pe\Administrator\Results\Results.mdb

Results Data Set (reprocessed): B07080305A

Results Library (reprocessed): C:\pe\Administrator\Results\Results.mdb

Sequence No.: 1

Sample ID: S0

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 1

Date Collected: 8/3/2007 10:07:32 PM

Data Type: Reprocessed on 8/6/2007 8:17:29 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: S0

| Analyte | Mean Corrected | | RSD | Calib | |
|------------|----------------|----------|---------|--------|-------|
| | Intensity | Std.Dev. | | Conc. | Units |
| Ag 328.068 | -41.9 | 34.07 | 81.27% | [0.00] | mg/L |
| Al 308.215 | 5578.1 | 147.55 | 2.65% | [0.00] | mg/L |
| As 188.979 | -0.0 | 1.81 | >999.9% | [0.00] | mg/L |
| Ba 233.527 | -23.8 | 2.11 | 8.86% | [0.00] | mg/L |
| Be 313.107 | -1606.9 | 43.33 | 2.70% | [0.00] | mg/L |
| Co 228.616 | -3.8 | 1.54 | 40.03% | [0.00] | mg/L |
| Cr 267.716 | -26.7 | 2.89 | 10.81% | [0.00] | mg/L |
| Cu 324.752 | 978.2 | 45.97 | 4.70% | [0.00] | mg/L |
| Fe 273.955 | -201.9 | 2.19 | 1.09% | [0.00] | mg/L |
| Mg 279.077 | -167.1 | 53.61 | 32.09% | [0.00] | mg/L |
| Mn 257.610 | -13.2 | 0.63 | 4.76% | [0.00] | mg/L |
| Ni 231.604 | -8.3 | 6.62 | 79.41% | [0.00] | mg/L |
| Pb 220.353 | 21.2 | 2.33 | 11.00% | [0.00] | mg/L |
| Sb 206.836 | 11.3 | 3.10 | 27.36% | [0.00] | mg/L |
| Se 196.026 | 0.6 | 2.01 | 325.35% | [0.00] | mg/L |
| Tl 190.801 | 0.2 | 0.50 | 325.12% | [0.00] | mg/L |
| V 292.402 | -15.3 | 16.33 | 106.79% | [0.00] | mg/L |
| Zn 206.200 | 13.3 | 5.08 | 38.08% | [0.00] | mg/L |
| Na 330.237 | -191.0 | 78.26 | 40.98% | [0.00] | mg/L |
| Cd 226.502 | -23.7 | 3.80 | 16.06% | [0.00] | mg/L |
| Ti 334.940 | -37.5 | 8.55 | 22.79% | [0.00] | mg/L |
| Ca 227.546 | 48.3 | 9.70 | 20.07% | [0.00] | mg/L |

Sequence No.: 2

Sample ID: S1

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 9

Date Collected: 8/3/2007 10:10:37 PM

Data Type: Reprocessed on 8/6/2007 8:17:40 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: S1

| Analyte | Mean Corrected | | RSD | Calib | |
|------------|----------------|----------|-------|-------|-------|
| | Intensity | Std.Dev. | | Conc. | Units |
| Ag 328.068 | 369255.2 | 5038.05 | 1.36% | [2.5] | mg/L |
| Al 308.215 | 743641.5 | 4736.73 | 0.64% | [20] | mg/L |
| As 188.979 | 929.8 | 0.36 | 0.04% | [1] | mg/L |
| Ba 233.527 | 2157082.9 | 14307.30 | 0.66% | [20] | mg/L |
| Be 313.107 | 1321587.5 | 13251.87 | 1.00% | [0.5] | mg/L |
| Co 228.616 | 148846.2 | 564.27 | 0.38% | [5] | mg/L |
| Cr 267.716 | 110042.5 | 404.44 | 0.37% | [2] | mg/L |
| Cu 324.752 | 820829.4 | 7158.50 | 0.87% | [2.5] | mg/L |
| Fe 273.955 | 386906.3 | 1195.76 | 0.31% | [10] | mg/L |
| Mg 279.077 | 1400712.8 | 7897.48 | 0.56% | [50] | mg/L |
| Mn 257.610 | 3482013.4 | 21451.80 | 0.62% | [5] | mg/L |
| Ni 231.604 | 116648.1 | 434.27 | 0.37% | [5] | mg/L |
| Pb 220.353 | 5616.9 | 17.90 | 0.32% | [1] | mg/L |
| Sb 206.836 | 1186.1 | 3.96 | 0.33% | [1] | mg/L |

| | | | | | |
|------------|----------|---------|-------|-------|------|
| Se 196.026 | 775.5 | 2.01 | 0.26% | [1] | mg/L |
| Tl 190.801 | 1425.8 | 0.57 | 0.04% | [1] | mg/L |
| V 292.402 | 575687.9 | 5059.39 | 0.88% | [5] | mg/L |
| Zn 206.200 | 138423.4 | 389.19 | 0.28% | [5] | mg/L |
| Na 330.237 | 76394.3 | 273.67 | 0.36% | [50] | mg/L |
| Cd 226.502 | 26675.1 | 106.28 | 0.40% | [0.5] | mg/L |
| Ti 334.940 | 989275.5 | 7726.68 | 0.78% | [1] | mg/L |
| Ca 227.546 | 14471.8 | 38.25 | 0.26% | [50] | mg/L |

Calibration Summary

| Analyte | Stds. | Equation | Intercept | Slope | Curvature | Corr. Coef. | Reslope |
|------------|-------|------------|-----------|---------|-----------|-------------|---------|
| Ag 328.068 | 1 | Lin Thru 0 | 0.0 | 147700 | 0.00000 | 1.000000 | |
| Al 308.215 | 1 | Lin Thru 0 | 0.0 | 37180 | 0.00000 | 1.000000 | |
| As 188.979 | 1 | Lin Thru 0 | 0.0 | 929.8 | 0.00000 | 1.000000 | |
| Ba 233.527 | 1 | Lin Thru 0 | 0.0 | 107900 | 0.00000 | 1.000000 | |
| Be 313.107 | 1 | Lin Thru 0 | 0.0 | 2643000 | 0.00000 | 1.000000 | |
| Co 228.616 | 1 | Lin Thru 0 | 0.0 | 29770 | 0.00000 | 1.000000 | |
| Cr 267.716 | 1 | Lin Thru 0 | 0.0 | 55020 | 0.00000 | 1.000000 | |
| Cu 324.752 | 1 | Lin Thru 0 | 0.0 | 328300 | 0.00000 | 1.000000 | |
| Fe 273.955 | 1 | Lin Thru 0 | 0.0 | 38690 | 0.00000 | 1.000000 | |
| Mg 279.077 | 1 | Lin Thru 0 | 0.0 | 28010 | 0.00000 | 1.000000 | |
| Mn 257.610 | 1 | Lin Thru 0 | 0.0 | 696400 | 0.00000 | 1.000000 | |
| Ni 231.604 | 1 | Lin Thru 0 | 0.0 | 23330 | 0.00000 | 1.000000 | |
| Pb 220.353 | 1 | Lin Thru 0 | 0.0 | 5617 | 0.00000 | 1.000000 | |
| Sb 206.836 | 1 | Lin Thru 0 | 0.0 | 1186 | 0.00000 | 1.000000 | |
| Se 196.026 | 1 | Lin Thru 0 | 0.0 | 775.5 | 0.00000 | 1.000000 | |
| Tl 190.801 | 1 | Lin Thru 0 | 0.0 | 1426 | 0.00000 | 1.000000 | |
| V 292.402 | 1 | Lin Thru 0 | 0.0 | 115100 | 0.00000 | 1.000000 | |
| Zn 206.200 | 1 | Lin Thru 0 | 0.0 | 27680 | 0.00000 | 1.000000 | |
| Na 330.237 | 1 | Lin Thru 0 | 0.0 | 1528 | 0.00000 | 1.000000 | |
| Cd 226.502 | 1 | Lin Thru 0 | 0.0 | 53350 | 0.00000 | 1.000000 | |
| Ti 334.940 | 1 | Lin Thru 0 | 0.0 | 989300 | 0.00000 | 1.000000 | |
| Ca 227.546 | 1 | Lin Thru 0 | 0.0 | 289.4 | 0.00000 | 1.000000 | |

=====

Sequence No.: 3

Sample ID: ICV

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 10

Date Collected: 8/3/2007 10:13:51 PM

Data Type: Reprocessed on 8/6/2007 8:17:54 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICV

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Ag 328.068 | 271972.0 | 1.7953 mg/L | 0.00794 | 1.7953 mg/L | 0.00794 | 0.44% |
| Al 308.215 | 552811.4 | 14.838 mg/L | 0.0350 | 14.838 mg/L | 0.0350 | 0.24% |
| As 188.979 | 695.2 | 0.7697 mg/L | 0.00444 | 0.7697 mg/L | 0.00444 | 0.58% |
| Ba 233.527 | 1662881.1 | 15.423 mg/L | 0.0354 | 15.423 mg/L | 0.0354 | 0.23% |
| Be 313.107 | 988266.4 | 0.3740 mg/L | 0.00152 | 0.3740 mg/L | 0.00152 | 0.41% |
| Co 228.616 | 111389.3 | 3.7438 mg/L | 0.00121 | 3.7438 mg/L | 0.00121 | 0.03% |
| Cr 267.716 | 82776.9 | 1.5034 mg/L | 0.00734 | 1.5034 mg/L | 0.00734 | 0.49% |
| Cu 324.752 | 613523.8 | 1.8698 mg/L | 0.00528 | 1.8698 mg/L | 0.00528 | 0.28% |
| Fe 273.955 | 290425.4 | 7.7691 mg/L | 0.01730 | 7.7691 mg/L | 0.01730 | 0.22% |
| Mg 279.077 | 1054914.1 | 37.701 mg/L | 0.0929 | 37.701 mg/L | 0.0929 | 0.25% |
| Mn 257.610 | 2637505.3 | 3.7874 mg/L | 0.01193 | 3.7874 mg/L | 0.01193 | 0.31% |
| Ni 231.604 | 87453.7 | 3.7492 mg/L | 0.01294 | 3.7492 mg/L | 0.01294 | 0.35% |
| Pb 220.353 | 4146.2 | 0.7391 mg/L | 0.00113 | 0.7391 mg/L | 0.00113 | 0.15% |
| Sb 206.836 | 890.3 | 0.7065 mg/L | 0.00362 | 0.7065 mg/L | 0.00362 | 0.51% |
| Se 196.026 | 575.0 | 0.7413 mg/L | 0.00625 | 0.7413 mg/L | 0.00625 | 0.84% |
| Tl 190.801 | 1062.7 | 0.7491 mg/L | 0.01028 | 0.7491 mg/L | 0.01028 | 1.37% |
| V 292.402 | 434680.3 | 3.7782 mg/L | 0.01557 | 3.7782 mg/L | 0.01557 | 0.41% |
| Zn 206.200 | 104856.1 | 3.7954 mg/L | 0.00233 | 3.7954 mg/L | 0.00233 | 0.06% |
| Na 330.237 | 56064.5 | 36.599 mg/L | 0.0036 | 36.599 mg/L | 0.0036 | 0.01% |
| Cd 226.502 | 19736.2 | 0.3713 mg/L | 0.00147 | 0.3713 mg/L | 0.00147 | 0.40% |
| Ti 334.940 | 980.1 | 0.0013 mg/L | 0.00000 | 0.0013 mg/L | 0.00000 | 0.13% |
| Ca 227.546 | 10907.1 | 37.277 mg/L | 0.0773 | 37.277 mg/L | 0.0773 | 0.21% |

Sequence No.: 4

Sample ID: ICB

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/3/2007 10:17:04 PM

Data Type: Reprocessed on 8/6/2007 8:17:55 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICB

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|---------|----------------------|----------|---------|-------|-----------------|
| | Intensity | Conc. | | | Conc. | Units | |
| Ag 328.068 | 410.4 | 0.0028 | mg/L | 0.00031 | 0.0028 | mg/L | 0.00031 11.26% |
| Al 308.215 | 47.5 | 0.0013 | mg/L | 0.00177 | 0.0013 | mg/L | 0.00177 139.35% |
| As 188.979 | -1.8 | -0.0019 | mg/L | 0.00155 | -0.0019 | mg/L | 0.00155 82.54% |
| Ba 233.527 | 166.4 | 0.0015 | mg/L | 0.00024 | 0.0015 | mg/L | 0.00024 15.61% |
| Be 313.107 | 171.5 | 0.0001 | mg/L | 0.00000 | 0.0001 | mg/L | 0.00000 5.60% |
| Co 228.616 | 11.4 | 0.0004 | mg/L | 0.00018 | 0.0004 | mg/L | 0.00018 46.04% |
| Cr 267.716 | 7.6 | 0.0001 | mg/L | 0.00006 | 0.0001 | mg/L | 0.00006 45.45% |
| Cu 324.752 | 168.4 | 0.0005 | mg/L | 0.00020 | 0.0005 | mg/L | 0.00020 38.68% |
| Fe 273.955 | 32.7 | 0.0011 | mg/L | 0.00054 | 0.0011 | mg/L | 0.00054 50.23% |
| Mg 279.077 | 101.5 | 0.0036 | mg/L | 0.00317 | 0.0036 | mg/L | 0.00317 87.31% |
| Mn 257.610 | 264.7 | 0.0004 | mg/L | 0.00006 | 0.0004 | mg/L | 0.00006 15.76% |
| Ni 231.604 | 9.1 | 0.0004 | mg/L | 0.00026 | 0.0004 | mg/L | 0.00026 66.50% |
| Pb 220.353 | 7.0 | 0.0012 | mg/L | 0.00045 | 0.0012 | mg/L | 0.00045 36.22% |
| Sb 206.836 | 2.0 | 0.0017 | mg/L | 0.00240 | 0.0017 | mg/L | 0.00240 141.24% |
| Se 196.026 | 3.7 | 0.0047 | mg/L | 0.00147 | 0.0047 | mg/L | 0.00147 31.22% |
| Tl 190.801 | -0.9 | -0.0006 | mg/L | 0.00095 | -0.0006 | mg/L | 0.00095 157.07% |
| V 292.402 | 66.4 | 0.0006 | mg/L | 0.00015 | 0.0006 | mg/L | 0.00015 25.84% |
| Zn 206.200 | 62.7 | 0.0023 | mg/L | 0.00033 | 0.0023 | mg/L | 0.00033 14.62% |
| Na 330.237 | 112.7 | 0.0737 | mg/L | 0.05492 | 0.0737 | mg/L | 0.05492 74.53% |
| Cd 226.502 | 2.0 | 0.0000 | mg/L | 0.00001 | 0.0000 | mg/L | 0.00001 27.99% |
| Ti 334.940 | 9.8 | 0.0000 | mg/L | 0.00000 | 0.0000 | mg/L | 0.00000 19.01% |
| Ca 227.546 | 15.6 | 0.0540 | mg/L | 0.03754 | 0.0540 | mg/L | 0.03754 69.52% |

Sequence No.: 5

Sample ID: CRI

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 7

Date Collected: 8/3/2007 10:20:10 PM

Data Type: Reprocessed on 8/6/2007 8:17:57 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CRI

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--------|----------------------|----------|--------|-------|----------------|
| | Intensity | Conc. | | | Conc. | Units | |
| Ag 328.068 | 1713.6 | 0.0113 | mg/L | 0.00052 | 0.0113 | mg/L | 0.00052 4.62% |
| Al 308.215 | 7206.9 | 0.1935 | mg/L | 0.00071 | 0.1935 | mg/L | 0.00071 0.37% |
| As 188.979 | 7.9 | 0.0087 | mg/L | 0.00158 | 0.0087 | mg/L | 0.00158 18.23% |
| Ba 233.527 | 23728.9 | 0.2201 | mg/L | 0.00018 | 0.2201 | mg/L | 0.00018 0.08% |
| Be 313.107 | 13318.3 | 0.0050 | mg/L | 0.00000 | 0.0050 | mg/L | 0.00000 0.05% |
| Co 228.616 | 1549.6 | 0.0524 | mg/L | 0.00017 | 0.0524 | mg/L | 0.00017 0.33% |
| Cr 267.716 | 550.1 | 0.0100 | mg/L | 0.00018 | 0.0100 | mg/L | 0.00018 1.84% |
| Cu 324.752 | 8334.1 | 0.0255 | mg/L | 0.00008 | 0.0255 | mg/L | 0.00008 0.31% |
| Fe 273.955 | 4149.3 | 0.1328 | mg/L | 0.00071 | 0.1328 | mg/L | 0.00071 0.54% |
| Mg 279.077 | 145088.2 | 5.1793 | mg/L | 0.00537 | 5.1793 | mg/L | 0.00537 0.10% |
| Mn 257.610 | 11287.8 | 0.0162 | mg/L | 0.00000 | 0.0162 | mg/L | 0.00000 0.02% |
| Ni 231.604 | 987.7 | 0.0424 | mg/L | 0.00012 | 0.0424 | mg/L | 0.00012 0.29% |
| Pb 220.353 | 58.7 | 0.0105 | mg/L | 0.00061 | 0.0105 | mg/L | 0.00061 5.80% |
| Sb 206.836 | 81.1 | 0.0683 | mg/L | 0.00243 | 0.0683 | mg/L | 0.00243 3.56% |
| Se 196.026 | 30.4 | 0.0389 | mg/L | 0.00229 | 0.0389 | mg/L | 0.00229 5.89% |
| Tl 190.801 | 32.0 | 0.0225 | mg/L | 0.00172 | 0.0225 | mg/L | 0.00172 7.66% |
| V 292.402 | 5854.7 | 0.0509 | mg/L | 0.00004 | 0.0509 | mg/L | 0.00004 0.09% |
| Zn 206.200 | 1848.4 | 0.0669 | mg/L | 0.00022 | 0.0669 | mg/L | 0.00022 0.33% |
| Na 330.237 | 5947.5 | 3.8826 | mg/L | 0.10230 | 3.8826 | mg/L | 0.10230 2.63% |
| Cd 226.502 | 282.3 | 0.0053 | mg/L | 0.00004 | 0.0053 | mg/L | 0.00004 0.75% |
| Ti 334.940 | -79.7 | 0.0000 | mg/L | 0.00002 | 0.0000 | mg/L | 0.00002 99.00% |
| Ca 227.546 | 1403.2 | 4.8422 | mg/L | 0.07545 | 4.8422 | mg/L | 0.07545 1.56% |

Sequence No.: 6
 Sample ID: ICSA
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 5
 Date Collected: 8/3/2007 10:23:14 PM
 Data Type: Reprocessed on 8/6/2007 8:17:57 AM
 Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: ICSA

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|--|----------------|--------------|---------|--------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | -118.2 | -0.0014 mg/L | 0.00036 | -0.0014 mg/L | 0.00036 | 25.38% | |
| Al 308.215 | 17005510.0 | 457.36 mg/L | 2.103 | 457.36 mg/L | 2.103 | 0.46% | |
| As 188.979 | -15.9 | -0.0067 mg/L | 0.00412 | -0.0067 mg/L | 0.00412 | 61.55% | |
| Ba 233.527 | 311.5 | 0.0017 mg/L | 0.00004 | 0.0017 mg/L | 0.00004 | 2.55% | |
| Be 313.107 | 97.4 | 0.0000 mg/L | 0.00002 | 0.0000 mg/L | 0.00002 | 61.05% | |
| Co 228.616 | 101.6 | 0.0346 mg/L | 0.00039 | 0.0346 mg/L | 0.00039 | 1.11% | |
| Cr 267.716 | -150.1 | -0.0080 mg/L | 0.00014 | -0.0080 mg/L | 0.00014 | 1.76% | |
| Cu 324.752 | -5407.8 | -0.0033 mg/L | 0.00028 | -0.0033 mg/L | 0.00028 | 8.57% | |
| Fe 273.955 | 6482569.6 | 172.26 mg/L | 0.808 | 172.26 mg/L | 0.808 | 0.47% | |
| Mg 279.077 | 12240780.5 | 436.87 mg/L | 1.972 | 436.87 mg/L | 1.972 | 0.45% | |
| Mn 257.610 | 1514.0 | 0.0022 mg/L | 0.00011 | 0.0022 mg/L | 0.00011 | 5.00% | |
| Saturated outside survey window (code 6) | | | | | | | |
| Ni 231.604 | 48.0 | 0.0246 mg/L | 0.00062 | 0.0246 mg/L | 0.00062 | 2.51% | |
| Pb 220.353 | -170.0 | 0.0028 mg/L | 0.00109 | 0.0028 mg/L | 0.00109 | 38.40% | |
| Sb 206.836 | -18.4 | -0.0013 mg/L | 0.00394 | -0.0013 mg/L | 0.00394 | 310.91% | |
| Se 196.026 | -20.9 | 0.0112 mg/L | 0.00046 | 0.0112 mg/L | 0.00046 | 4.13% | |
| Tl 190.801 | -17.7 | 0.0060 mg/L | 0.00223 | 0.0060 mg/L | 0.00223 | 37.10% | |
| V 292.402 | -586.4 | -0.0022 mg/L | 0.00000 | -0.0022 mg/L | 0.00000 | 0.20% | |
| Zn 206.200 | 327.3 | 0.0065 mg/L | 0.00004 | 0.0065 mg/L | 0.00004 | 0.61% | |
| Na 330.237 | 948.6 | -0.1984 mg/L | 0.12377 | -0.1984 mg/L | 0.12377 | 62.38% | |
| Cd 226.502 | 523.9 | 0.0006 mg/L | 0.00018 | 0.0006 mg/L | 0.00018 | 29.17% | |
| Ti 334.940 | -5738.6 | 0.0001 mg/L | 0.00003 | 0.0001 mg/L | 0.00003 | 22.97% | |
| Ca 227.546 | 143658.1 | 492.71 mg/L | 1.464 | 492.71 mg/L | 1.464 | 0.30% | |

Sequence No.: 7
 Sample ID: ICSAB
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 6
 Date Collected: 8/3/2007 10:26:29 PM
 Data Type: Reprocessed on 8/6/2007 8:17:58 AM
 Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: ICSAB

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|---------|-------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | 28229.1 | 0.1852 mg/L | 0.00049 | 0.1852 mg/L | 0.00049 | 0.27% | |
| Al 308.215 | 16380417.3 | 440.54 mg/L | 3.531 | 440.54 mg/L | 3.531 | 0.80% | |
| As 188.979 | 65.4 | 0.0867 mg/L | 0.00416 | 0.0867 mg/L | 0.00416 | 4.80% | |
| Ba 233.527 | 50502.6 | 0.4677 mg/L | 0.00369 | 0.4677 mg/L | 0.00369 | 0.79% | |
| Be 313.107 | 1130151.8 | 0.4276 mg/L | 0.00148 | 0.4276 mg/L | 0.00148 | 0.35% | |
| Co 228.616 | 12049.2 | 0.4350 mg/L | 0.00012 | 0.4350 mg/L | 0.00012 | 0.03% | |
| Cr 267.716 | 23484.5 | 0.4216 mg/L | 0.00030 | 0.4216 mg/L | 0.00030 | 0.07% | |
| Cu 324.752 | 146539.6 | 0.4592 mg/L | 0.00366 | 0.4592 mg/L | 0.00366 | 0.80% | |
| Fe 273.955 | 6266001.2 | 166.50 mg/L | 1.107 | 166.50 mg/L | 1.107 | 0.67% | |
| Mg 279.077 | 11796507.6 | 421.02 mg/L | 2.803 | 421.02 mg/L | 2.803 | 0.67% | |
| Mn 257.610 | 309354.4 | 0.4442 mg/L | 0.00213 | 0.4442 mg/L | 0.00213 | 0.48% | |
| Ni 231.604 | 18441.1 | 0.8121 mg/L | 0.00547 | 0.8121 mg/L | 0.00547 | 0.67% | |
| Pb 220.353 | 73.0 | 0.0449 mg/L | 0.00041 | 0.0449 mg/L | 0.00041 | 0.92% | |
| Sb 206.836 | 685.0 | 0.5774 mg/L | 0.00224 | 0.5774 mg/L | 0.00224 | 0.39% | |
| Se 196.026 | 1.8 | 0.0391 mg/L | 0.00026 | 0.0391 mg/L | 0.00026 | 0.67% | |
| Tl 190.801 | 99.2 | 0.0877 mg/L | 0.00022 | 0.0877 mg/L | 0.00022 | 0.25% | |
| V 292.402 | 49877.3 | 0.4367 mg/L | 0.00062 | 0.4367 mg/L | 0.00062 | 0.14% | |
| Zn 206.200 | 22883.9 | 0.8237 mg/L | 0.00118 | 0.8237 mg/L | 0.00118 | 0.14% | |
| Na 330.237 | 1719.6 | 0.3249 mg/L | 0.06843 | 0.3249 mg/L | 0.06843 | 21.06% | |
| Cd 226.502 | 44345.7 | 0.8227 mg/L | 0.00493 | 0.8227 mg/L | 0.00493 | 0.60% | |
| Ti 334.940 | -5491.8 | 0.0002 mg/L | 0.00001 | 0.0002 mg/L | 0.00001 | 4.86% | |
| Ca 227.546 | 139388.1 | 478.03 mg/L | 3.478 | 478.03 mg/L | 3.478 | 0.73% | |

Sequence No.: 8
 Sample ID: CCV
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 3
 Date Collected: 8/3/2007 10:29:42 PM
 Data Type: Reprocessed on 8/6/2007 8:17:58 AM
 Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: CCV

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Ag 328.068 | 180627.7 | 1.1917 mg/L | 0.01642 | 1.1917 mg/L | 0.01642 | 1.38% |
| Al 308.215 | 363953.1 | 9.7684 mg/L | 0.08181 | 9.7684 mg/L | 0.08181 | 0.84% |
| As 188.979 | 458.7 | 0.5082 mg/L | 0.00590 | 0.5082 mg/L | 0.00590 | 1.16% |
| Ba 233.527 | 1133399.2 | 10.512 mg/L | 0.0259 | 10.512 mg/L | 0.0259 | 0.25% |
| Be 313.107 | 669641.9 | 0.2534 mg/L | 0.00085 | 0.2534 mg/L | 0.00085 | 0.34% |
| Co 228.616 | 76147.3 | 2.5593 mg/L | 0.02727 | 2.5593 mg/L | 0.02727 | 1.07% |
| Cr 267.716 | 56151.8 | 1.0198 mg/L | 0.01356 | 1.0198 mg/L | 0.01356 | 1.33% |
| Cu 324.752 | 409144.6 | 1.2469 mg/L | 0.00460 | 1.2469 mg/L | 0.00460 | 0.37% |
| Fe 273.955 | 198344.5 | 5.3017 mg/L | 0.04192 | 5.3017 mg/L | 0.04192 | 0.79% |
| Mg 279.077 | 712923.1 | 25.479 mg/L | 0.0308 | 25.479 mg/L | 0.0308 | 0.12% |
| Mn 257.610 | 1791531.4 | 2.5726 mg/L | 0.00400 | 2.5726 mg/L | 0.00400 | 0.16% |
| Ni 231.604 | 59788.5 | 2.5632 mg/L | 0.03633 | 2.5632 mg/L | 0.03633 | 1.42% |
| Pb 220.353 | 2822.9 | 0.5032 mg/L | 0.00368 | 0.5032 mg/L | 0.00368 | 0.73% |
| Sb 206.836 | 594.6 | 0.4715 mg/L | 0.00602 | 0.4715 mg/L | 0.00602 | 1.28% |
| Se 196.026 | 385.8 | 0.4974 mg/L | 0.00611 | 0.4974 mg/L | 0.00611 | 1.23% |
| Tl 190.801 | 719.2 | 0.5070 mg/L | 0.00297 | 0.5070 mg/L | 0.00297 | 0.58% |
| V 292.402 | 294325.8 | 2.5583 mg/L | 0.00753 | 2.5583 mg/L | 0.00753 | 0.29% |
| Zn 206.200 | 71410.1 | 2.5848 mg/L | 0.02274 | 2.5848 mg/L | 0.02274 | 0.88% |
| Na 330.237 | 36154.6 | 23.599 mg/L | 0.1567 | 23.599 mg/L | 0.1567 | 0.66% |
| Cd 226.502 | 13287.6 | 0.2500 mg/L | 0.00196 | 0.2500 mg/L | 0.00196 | 0.78% |
| Ti 334.940 | 437.6 | 0.0006 mg/L | 0.00004 | 0.0006 mg/L | 0.00004 | 7.17% |
| Ca 227.546 | 7299.4 | 24.942 mg/L | 0.0527 | 24.942 mg/L | 0.0527 | 0.21% |

Sequence No.: 9
 Sample ID: CCB
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 4
 Date Collected: 8/3/2007 10:32:54 PM
 Data Type: Reprocessed on 8/6/2007 8:17:59 AM
 Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: CCB

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | 51.1 | 0.0003 mg/L | 0.00033 | 0.0003 mg/L | 0.00033 | 95.48% |
| Al 308.215 | 197.0 | 0.0053 mg/L | 0.00344 | 0.0053 mg/L | 0.00344 | 64.90% |
| As 188.979 | 0.4 | 0.0004 mg/L | 0.00060 | 0.0004 mg/L | 0.00060 | 137.16% |
| Ba 233.527 | 93.1 | 0.0009 mg/L | 0.00021 | 0.0009 mg/L | 0.00021 | 23.96% |
| Be 313.107 | 111.7 | 0.0000 mg/L | 0.00001 | 0.0000 mg/L | 0.00001 | 16.35% |
| Co 228.616 | 8.1 | 0.0003 mg/L | 0.00003 | 0.0003 mg/L | 0.00003 | 11.94% |
| Cr 267.716 | 0.9 | 0.0000 mg/L | 0.00003 | 0.0000 mg/L | 0.00003 | 171.22% |
| Cu 324.752 | 90.9 | 0.0003 mg/L | 0.00000 | 0.0003 mg/L | 0.00000 | 1.42% |
| Fe 273.955 | 169.9 | 0.0046 mg/L | 0.00159 | 0.0046 mg/L | 0.00159 | 34.42% |
| Mg 279.077 | 296.5 | 0.0106 mg/L | 0.00341 | 0.0106 mg/L | 0.00341 | 32.21% |
| Mn 257.610 | 159.3 | 0.0002 mg/L | 0.00006 | 0.0002 mg/L | 0.00006 | 27.32% |
| Ni 231.604 | 9.0 | 0.0004 mg/L | 0.00001 | 0.0004 mg/L | 0.00001 | 2.13% |
| Pb 220.353 | 2.5 | 0.0004 mg/L | 0.00020 | 0.0004 mg/L | 0.00020 | 44.26% |
| Sb 206.836 | -1.9 | -0.0016 mg/L | 0.00192 | -0.0016 mg/L | 0.00192 | 117.30% |
| Se 196.026 | -1.4 | -0.0018 mg/L | 0.00292 | -0.0018 mg/L | 0.00292 | 161.73% |
| Tl 190.801 | -1.2 | -0.0008 mg/L | 0.00222 | -0.0008 mg/L | 0.00222 | 268.18% |
| V 292.402 | 35.6 | 0.0003 mg/L | 0.00010 | 0.0003 mg/L | 0.00010 | 33.85% |
| Zn 206.200 | 35.0 | 0.0013 mg/L | 0.00023 | 0.0013 mg/L | 0.00023 | 18.10% |
| Na 330.237 | 21.4 | 0.0139 mg/L | 0.00307 | 0.0139 mg/L | 0.00307 | 22.06% |
| Cd 226.502 | 0.4 | 0.0000 mg/L | 0.00001 | 0.0000 mg/L | 0.00001 | 154.81% |
| Ti 334.940 | 3.7 | 0.0000 mg/L | 0.00000 | 0.0000 mg/L | 0.00000 | 59.28% |
| Ca 227.546 | 14.1 | 0.0485 mg/L | 0.00134 | 0.0485 mg/L | 0.00134 | 2.76% |

 Sequence No.: 10

Autosampler Location: 98

Sample ID: MB-31386,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Date Collected: 8/3/2007 10:36:00 PM
Data Type: Reprocessed on 8/6/2007 8:17:59 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31386,31386

Table with 8 columns: Analyte, Mean Corrected Intensity, Conc. Units, Std.Dev., Sample Conc. Units, Std.Dev., RSD. Lists elements from Ag to Ca with their respective values.

Sequence No.: 11
Sample ID: LCS-31386,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 99
Date Collected: 8/3/2007 10:39:08 PM
Data Type: Reprocessed on 8/6/2007 8:18:00 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-31386,31386

Table with 8 columns: Analyte, Mean Corrected Intensity, Conc. Units, Std.Dev., Sample Conc. Units, Std.Dev., RSD. Lists elements from Ag to Ca with their respective values.

Sequence No.: 12
Sample ID: F0936-01B,31386

Autosampler Location: 100
Date Collected: 8/3/2007 10:42:24 PM

Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Data Type: Reprocessed on 8/6/2007 8:18:00 AM
 Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: F0936-01B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD | |
|------------|----------------|---------|-------|----------|---------|-------|---------|--------|
| | Intensity | Conc. | | | Units | Conc. | | Units |
| Ag 328.068 | 937.7 | -0.0238 | mg/L | 0.00023 | -0.0238 | mg/L | 0.00023 | 0.95% |
| Al 308.215 | 1546421.3 | 41.590 | mg/L | 0.4350 | 41.590 | mg/L | 0.4350 | 1.05% |
| As 188.979 | 36.8 | 0.0415 | mg/L | 0.00577 | 0.0415 | mg/L | 0.00577 | 13.92% |
| Ba 233.527 | 233337.4 | 2.1626 | mg/L | 0.00148 | 2.1626 | mg/L | 0.00148 | 0.07% |
| Be 313.107 | 7661.0 | 0.0040 | mg/L | 0.00004 | 0.0040 | mg/L | 0.00004 | 1.07% |
| Co 228.616 | 1432.9 | 0.0486 | mg/L | 0.00045 | 0.0486 | mg/L | 0.00045 | 0.92% |
| Cr 267.716 | 7233.1 | 0.1294 | mg/L | 0.00038 | 0.1294 | mg/L | 0.00038 | 0.29% |
| Cu 324.752 | 531382.2 | 1.6184 | mg/L | 0.01632 | 1.6184 | mg/L | 0.01632 | 1.01% |
| Fe 273.955 | 5505678.9 | 142.71 | mg/L | 1.168 | 142.71 | mg/L | 1.168 | 0.82% |
| Mg 279.077 | 475938.4 | 16.965 | mg/L | 0.1248 | 16.965 | mg/L | 0.1248 | 0.74% |
| Mn 257.610 | 2428925.7 | 3.4878 | mg/L | 0.02936 | 3.4878 | mg/L | 0.02936 | 0.84% |
| Ni 231.604 | 3118.9 | 0.1353 | mg/L | 0.00133 | 0.1353 | mg/L | 0.00133 | 0.98% |
| Pb 220.353 | 26347.2 | 4.6924 | mg/L | 0.00614 | 4.6924 | mg/L | 0.00614 | 0.13% |
| Sb 206.836 | -1.9 | 0.0026 | mg/L | 0.00202 | 0.0026 | mg/L | 0.00202 | 78.09% |
| Se 196.026 | -4.2 | 0.0424 | mg/L | 0.00187 | 0.0424 | mg/L | 0.00187 | 4.41% |
| Tl 190.801 | -9.9 | 0.0332 | mg/L | 0.00388 | 0.0332 | mg/L | 0.00388 | 11.69% |
| V 292.402 | 12717.6 | 0.1131 | mg/L | 0.00056 | 0.1131 | mg/L | 0.00056 | 0.49% |
| Zn 206.200 | 75447.4 | 2.7254 | mg/L | 0.00008 | 2.7254 | mg/L | 0.00008 | 0.00% |
| Na 330.237 | 4908.4 | 3.4058 | mg/L | 0.08123 | 3.4058 | mg/L | 0.08123 | 2.39% |
| Cd 226.502 | 902.1 | 0.0091 | mg/L | 0.00006 | 0.0091 | mg/L | 0.00006 | 0.63% |
| Ti 334.940 | 586506.8 | 0.5934 | mg/L | 0.00647 | 0.5934 | mg/L | 0.00647 | 1.09% |
| Ca 227.546 | 13669.8 | 44.186 | mg/L | 0.0885 | 44.186 | mg/L | 0.0885 | 0.20% |

=====

Sequence No.: 13

Sample ID: F0936-02B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 101

Date Collected: 8/3/2007 10:45:39 PM

Data Type: Reprocessed on 8/6/2007 8:18:00 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-02B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD | |
|------------|----------------|--------|-------|----------|--------|-------|---------|-------|
| | Intensity | Conc. | | | Units | Conc. | | Units |
| Ag 328.068 | 1520.9 | 0.0117 | mg/L | 0.00003 | 0.0117 | mg/L | 0.00003 | 0.30% |
| Al 308.215 | 1439362.3 | 38.710 | mg/L | 0.0715 | 38.710 | mg/L | 0.0715 | 0.18% |
| As 188.979 | 45.3 | 0.0536 | mg/L | 0.00130 | 0.0536 | mg/L | 0.00130 | 2.42% |
| Ba 233.527 | 95159.3 | 0.8822 | mg/L | 0.00131 | 0.8822 | mg/L | 0.00131 | 0.15% |
| Be 313.107 | 13717.6 | 0.0066 | mg/L | 0.00003 | 0.0066 | mg/L | 0.00003 | 0.42% |
| Co 228.616 | 1202.5 | 0.0475 | mg/L | 0.00026 | 0.0475 | mg/L | 0.00026 | 0.55% |
| Cr 267.716 | 8140.6 | 0.1465 | mg/L | 0.00105 | 0.1465 | mg/L | 0.00105 | 0.72% |
| Cu 324.752 | 1008794.8 | 3.0765 | mg/L | 0.01326 | 3.0765 | mg/L | 0.01326 | 0.43% |
| Fe 273.955 | 1582834.2 | 41.699 | mg/L | 0.1057 | 41.699 | mg/L | 0.1057 | 0.25% |
| Mg 279.077 | 90579.3 | 3.2318 | mg/L | 0.00136 | 3.2318 | mg/L | 0.00136 | 0.04% |
| Mn 257.610 | 1004901.1 | 1.4430 | mg/L | 0.00312 | 1.4430 | mg/L | 0.00312 | 0.22% |
| Ni 231.604 | 18224.4 | 0.7850 | mg/L | 0.00264 | 0.7850 | mg/L | 0.00264 | 0.34% |
| Pb 220.353 | 25939.9 | 4.6206 | mg/L | 0.01932 | 4.6206 | mg/L | 0.01932 | 0.42% |
| Sb 206.836 | 43.8 | 0.0385 | mg/L | 0.00046 | 0.0385 | mg/L | 0.00046 | 1.20% |
| Se 196.026 | 17.0 | 0.0271 | mg/L | 0.00072 | 0.0271 | mg/L | 0.00072 | 2.66% |
| Tl 190.801 | -2.5 | 0.0082 | mg/L | 0.00048 | 0.0082 | mg/L | 0.00048 | 5.86% |
| V 292.402 | 14298.0 | 0.1248 | mg/L | 0.00084 | 0.1248 | mg/L | 0.00084 | 0.67% |
| Zn 206.200 | 172796.2 | 6.2412 | mg/L | 0.00663 | 6.2412 | mg/L | 0.00663 | 0.11% |
| Na 330.237 | 9881.1 | 6.3819 | mg/L | 0.06513 | 6.3819 | mg/L | 0.06513 | 1.02% |
| Cd 226.502 | 871.8 | 0.0145 | mg/L | 0.00003 | 0.0145 | mg/L | 0.00003 | 0.22% |
| Ti 334.940 | 763711.3 | 0.7737 | mg/L | 0.00223 | 0.7737 | mg/L | 0.00223 | 0.29% |
| Ca 227.546 | 42883.4 | 147.24 | mg/L | 0.045 | 147.24 | mg/L | 0.045 | 0.03% |

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Sequence No.: 14

Sample ID: F0936-05B,31386

Analyst:

Autosampler Location: 102

Date Collected: 8/3/2007 10:48:55 PM

Data Type: Reprocessed on 8/6/2007 8:18:01 AM

Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: F0936-05B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|---------|-------|----------|---------|-------|----------|--------|
| | Intensity | Conc. | | | Units | Conc. | | |
| Ag 328.068 | -58.0 | -0.0807 | mg/L | 0.00022 | -0.0807 | mg/L | 0.00022 | 0.28% |
| Al 308.215 | 1248198.3 | 33.569 | mg/L | 0.0560 | 33.569 | mg/L | 0.0560 | 0.17% |
| As 188.979 | 47.5 | 0.0487 | mg/L | 0.00078 | 0.0487 | mg/L | 0.00078 | 1.61% |
| Ba 233.527 | 79898.7 | 0.7384 | mg/L | 0.00253 | 0.7384 | mg/L | 0.00253 | 0.34% |
| Be 313.107 | 16273.1 | 0.0067 | mg/L | 0.00005 | 0.0067 | mg/L | 0.00005 | 0.77% |
| Co 228.616 | 3654.7 | 0.1210 | mg/L | 0.00013 | 0.1210 | mg/L | 0.00013 | 0.11% |
| Cr 267.716 | 3043.0 | 0.0498 | mg/L | 0.00011 | 0.0498 | mg/L | 0.00011 | 0.22% |
| Cu 324.752 | 96086.6 | 0.2897 | mg/L | 0.00294 | 0.2897 | mg/L | 0.00294 | 1.01% |
| Fe 273.955 | 13727440.6 | 355.06 | mg/L | 1.091 | 355.06 | mg/L | 1.091 | 0.31% |
| Mg 279.077 | 262775.0 | 9.3397 | mg/L | 0.01034 | 9.3397 | mg/L | 0.01034 | 0.11% |
| Mn 257.610 | 7177220.5 | 10.306 | mg/L | 0.0254 | 10.306 | mg/L | 0.0254 | 0.25% |
| Ni 231.604 | 8695.5 | 0.3738 | mg/L | 0.00066 | 0.3738 | mg/L | 0.00066 | 0.18% |
| Pb 220.353 | 760.3 | 0.1354 | mg/L | 0.00025 | 0.1354 | mg/L | 0.00025 | 0.18% |
| Sb 206.836 | -24.8 | -0.0037 | mg/L | 0.00042 | -0.0037 | mg/L | 0.00042 | 11.34% |
| Se 196.026 | -49.6 | 0.0575 | mg/L | 0.00350 | 0.0575 | mg/L | 0.00350 | 6.08% |
| Tl 190.801 | -20.0 | 0.0932 | mg/L | 0.00137 | 0.0932 | mg/L | 0.00137 | 1.47% |
| V 292.402 | 10415.7 | 0.0973 | mg/L | 0.00007 | 0.0973 | mg/L | 0.00007 | 0.07% |
| Zn 206.200 | 35020.9 | 1.2655 | mg/L | 0.00040 | 1.2655 | mg/L | 0.00040 | 0.03% |
| Na 330.237 | 1745.7 | 1.5628 | mg/L | 0.02454 | 1.5628 | mg/L | 0.02454 | 1.57% |
| Cd 226.502 | 1472.3 | 0.0083 | mg/L | 0.00044 | 0.0083 | mg/L | 0.00044 | 5.35% |
| Ti 334.940 | 298280.6 | 0.3018 | mg/L | 0.00033 | 0.3018 | mg/L | 0.00033 | 0.11% |
| Ca 227.546 | 6100.2 | 13.524 | mg/L | 0.1167 | 13.524 | mg/L | 0.1167 | 0.86% |

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Sequence No.: 15

Sample ID: F0936-06B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 103

Date Collected: 8/3/2007 10:52:10 PM

Data Type: Reprocessed on 8/6/2007 8:18:01 AM

Initial Sample Vol:

Sample Prep Vol:

 Mean Data: F0936-06B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|----------|--------|-------|----------|--------|
| | Intensity | Conc. | | | Units | Conc. | | |
| Ag 328.068 | 3616.2 | 0.0127 | mg/L | 0.00012 | 0.0127 | mg/L | 0.00012 | 0.94% |
| Al 308.215 | 5840156.9 | 157.07 | mg/L | 0.760 | 157.07 | mg/L | 0.760 | 0.48% |
| As 188.979 | 274.7 | 0.3066 | mg/L | 0.00303 | 0.3066 | mg/L | 0.00303 | 0.99% |
| Ba 233.527 | 1524087.9 | 14.130 | mg/L | 0.0595 | 14.130 | mg/L | 0.0595 | 0.42% |
| Be 313.107 | 8031.5 | 0.0095 | mg/L | 0.00000 | 0.0095 | mg/L | 0.00000 | 0.00% |
| Co 228.616 | 1575.8 | 0.0604 | mg/L | 0.00011 | 0.0604 | mg/L | 0.00011 | 0.18% |
| Cr 267.716 | 16563.4 | 0.2980 | mg/L | 0.00261 | 0.2980 | mg/L | 0.00261 | 0.88% |
| Cu 324.752 | 2093484.1 | 6.3834 | mg/L | 0.01911 | 6.3834 | mg/L | 0.01911 | 0.30% |
| Fe 273.955 | 5351415.6 | 140.28 | mg/L | 0.696 | 140.28 | mg/L | 0.696 | 0.50% |
| Mg 279.077 | 796031.7 | 28.379 | mg/L | 0.1435 | 28.379 | mg/L | 0.1435 | 0.51% |
| Mn 257.610 | 1541749.5 | 2.2139 | mg/L | 0.01076 | 2.2139 | mg/L | 0.01076 | 0.49% |
| Ni 231.604 | 4951.0 | 0.2200 | mg/L | 0.00198 | 0.2200 | mg/L | 0.00198 | 0.90% |
| Pb 220.353 | 44175.8 | 7.8742 | mg/L | 0.02109 | 7.8742 | mg/L | 0.02109 | 0.27% |
| Sb 206.836 | 837.3 | 0.7119 | mg/L | 0.01267 | 0.7119 | mg/L | 0.01267 | 1.78% |
| Se 196.026 | -2.8 | 0.0313 | mg/L | 0.00511 | 0.0313 | mg/L | 0.00511 | 16.31% |
| Tl 190.801 | -12.4 | 0.0193 | mg/L | 0.00067 | 0.0193 | mg/L | 0.00067 | 3.49% |
| V 292.402 | 26386.8 | 0.2311 | mg/L | 0.00079 | 0.2311 | mg/L | 0.00079 | 0.34% |
| Zn 206.200 | 515992.3 | 18.636 | mg/L | 0.0812 | 18.636 | mg/L | 0.0812 | 0.44% |
| Na 330.237 | 153481.5 | 100.81 | mg/L | 0.108 | 100.81 | mg/L | 0.108 | 0.11% |
| Cd 226.502 | 794.7 | 0.0074 | mg/L | 0.00005 | 0.0074 | mg/L | 0.00005 | 0.74% |
| Ti 334.940 | 3511948.8 | 3.5534 | mg/L | 0.01212 | 3.5534 | mg/L | 0.01212 | 0.34% |
| Ca 227.546 | 83387.9 | 285.11 | mg/L | 1.322 | 285.11 | mg/L | 1.322 | 0.46% |

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Sequence No.: 16

Sample ID: F0936-10B,31386

Analyst:

Logged In Analyst (Original) : optima3

Autosampler Location: 104

Date Collected: 8/3/2007 10:55:26 PM

Data Type: Reprocessed on 8/6/2007 8:18:02 AM

Initial Sample Wt:
Dilution:

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-10B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|---------|-------|----------|---------|-------|----------|-------|
| | Intensity | Conc. | | | Units | Conc. | | |
| Ag 328.068 | 965.4 | -0.0436 | mg/L | 0.00039 | -0.0436 | mg/L | 0.00039 | 0.89% |
| Al 308.215 | 1869157.9 | 50.269 | mg/L | 0.3067 | 50.269 | mg/L | 0.3067 | 0.61% |
| As 188.979 | 93.8 | 0.1051 | mg/L | 0.00208 | 0.1051 | mg/L | 0.00208 | 1.97% |
| Ba 233.527 | 1158413.9 | 10.739 | mg/L | 0.0463 | 10.739 | mg/L | 0.0463 | 0.43% |
| Be 313.107 | 8620.5 | 0.0054 | mg/L | 0.00001 | 0.0054 | mg/L | 0.00001 | 0.13% |
| Co 228.616 | 2290.4 | 0.0806 | mg/L | 0.00017 | 0.0806 | mg/L | 0.00017 | 0.21% |
| Cr 267.716 | 12920.9 | 0.2346 | mg/L | 0.00057 | 0.2346 | mg/L | 0.00057 | 0.24% |
| Cu 324.752 | 572494.4 | 1.7451 | mg/L | 0.01057 | 1.7451 | mg/L | 0.01057 | 0.61% |
| Fe 273.955 | 9612007.8 | 249.23 | mg/L | 1.315 | 249.23 | mg/L | 1.315 | 0.53% |
| Mg 279.077 | 388168.4 | 13.776 | mg/L | 0.2001 | 13.776 | mg/L | 0.2001 | 1.45% |
| Mn 257.610 | 1963988.9 | 2.8202 | mg/L | 0.01719 | 2.8202 | mg/L | 0.01719 | 0.61% |
| Ni 231.604 | 5721.9 | 0.2487 | mg/L | 0.00009 | 0.2487 | mg/L | 0.00009 | 0.04% |
| Pb 220.353 | 78707.1 | 14.016 | mg/L | 0.1706 | 14.016 | mg/L | 0.1706 | 1.22% |
| Sb 206.836 | 1.2 | 0.0098 | mg/L | 0.00068 | 0.0098 | mg/L | 0.00068 | 6.89% |
| Se 196.026 | -19.3 | 0.0565 | mg/L | 0.00119 | 0.0565 | mg/L | 0.00119 | 2.11% |
| Tl 190.801 | -27.6 | 0.0483 | mg/L | 0.00014 | 0.0483 | mg/L | 0.00014 | 0.29% |
| V 292.402 | 24584.7 | 0.2180 | mg/L | 0.00239 | 0.2180 | mg/L | 0.00239 | 1.10% |
| Zn 206.200 | 571414.9 | 20.640 | mg/L | 0.0748 | 20.640 | mg/L | 0.0748 | 0.36% |
| Na 330.237 | 27282.7 | 18.121 | mg/L | 0.2885 | 18.121 | mg/L | 0.2885 | 1.59% |
| Cd 226.502 | 1584.1 | 0.0161 | mg/L | 0.00003 | 0.0161 | mg/L | 0.00003 | 0.17% |
| Ti 334.940 | 1153874.3 | 1.1679 | mg/L | 0.00605 | 1.1679 | mg/L | 0.00605 | 0.52% |
| Ca 227.546 | 38359.2 | 127.21 | mg/L | 0.289 | 127.21 | mg/L | 0.289 | 0.23% |

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Sequence No.: 17

Sample ID: F0936-13B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 105

Date Collected: 8/3/2007 10:58:42 PM

Data Type: Reprocessed on 8/6/2007 8:18:02 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-13B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|---------|-------|----------|---------|-------|----------|-------|
| | Intensity | Conc. | | | Units | Conc. | | |
| Ag 328.068 | 58.4 | -0.0879 | mg/L | 0.00033 | -0.0879 | mg/L | 0.00033 | 0.37% |
| Al 308.215 | 4312615.3 | 115.98 | mg/L | 0.228 | 115.98 | mg/L | 0.228 | 0.20% |
| As 188.979 | 35.7 | 0.0417 | mg/L | 0.00036 | 0.0417 | mg/L | 0.00036 | 0.87% |
| Ba 233.527 | 267066.5 | 2.4753 | mg/L | 0.00426 | 2.4753 | mg/L | 0.00426 | 0.17% |
| Be 313.107 | 8789.1 | 0.0072 | mg/L | 0.00001 | 0.0072 | mg/L | 0.00001 | 0.17% |
| Co 228.616 | 4138.0 | 0.1351 | mg/L | 0.00011 | 0.1351 | mg/L | 0.00011 | 0.08% |
| Cr 267.716 | 14907.6 | 0.2683 | mg/L | 0.00015 | 0.2683 | mg/L | 0.00015 | 0.05% |
| Cu 324.752 | 5709831.7 | 17.389 | mg/L | 0.0010 | 17.389 | mg/L | 0.0010 | 0.01% |
| Fe 273.955 | 13361041.5 | 346.24 | mg/L | 0.357 | 346.24 | mg/L | 0.357 | 0.10% |
| Mg 279.077 | 1385813.5 | 49.386 | mg/L | 0.1822 | 49.386 | mg/L | 0.1822 | 0.37% |
| Mn 257.610 | 4369489.5 | 6.2744 | mg/L | 0.00849 | 6.2744 | mg/L | 0.00849 | 0.14% |
| Ni 231.604 | 32792.2 | 1.4069 | mg/L | 0.00303 | 1.4069 | mg/L | 0.00303 | 0.22% |
| Pb 220.353 | 29674.4 | 5.2833 | mg/L | 0.02086 | 5.2833 | mg/L | 0.02086 | 0.39% |
| Sb 206.836 | 174.3 | 0.1591 | mg/L | 0.00241 | 0.1591 | mg/L | 0.00241 | 1.52% |
| Se 196.026 | -45.9 | 0.0681 | mg/L | 0.00106 | 0.0681 | mg/L | 0.00106 | 1.56% |
| Tl 190.801 | -23.4 | 0.0759 | mg/L | 0.00015 | 0.0759 | mg/L | 0.00015 | 0.20% |
| V 292.402 | 141193.2 | 1.2309 | mg/L | 0.00105 | 1.2309 | mg/L | 0.00105 | 0.09% |
| Zn 206.200 | 163074.1 | 5.8891 | mg/L | 0.02329 | 5.8891 | mg/L | 0.02329 | 0.40% |
| Na 330.237 | 9025.5 | 6.6127 | mg/L | 0.04532 | 6.6127 | mg/L | 0.04532 | 0.69% |
| Cd 226.502 | 1904.4 | 0.0174 | mg/L | 0.00005 | 0.0174 | mg/L | 0.00005 | 0.27% |
| Ti 334.940 | 2103991.4 | 2.1276 | mg/L | 0.00330 | 2.1276 | mg/L | 0.00330 | 0.15% |
| Ca 227.546 | 20544.5 | 63.444 | mg/L | 0.0103 | 63.444 | mg/L | 0.0103 | 0.02% |

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Sequence No.: 18

Sample ID: F0936-14B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Autosampler Location: 106

Date Collected: 8/3/2007 11:02:15 PM

Data Type: Reprocessed on 8/6/2007 8:18:03 AM

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-14B,31386

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Ag 328.068 | -38.2 | -0.0648 mg/L | 0.00019 | -0.0648 mg/L | 0.00019 | 0.29% |
| Al 308.215 | 3593627.3 | 96.648 mg/L | 0.3496 | 96.648 mg/L | 0.3496 | 0.36% |
| As 188.979 | 37.5 | 0.0419 mg/L | 0.00322 | 0.0419 mg/L | 0.00322 | 7.67% |
| Ba 233.527 | 115463.1 | 1.0688 mg/L | 0.00283 | 1.0688 mg/L | 0.00283 | 0.27% |
| Be 313.107 | 8746.5 | 0.0050 mg/L | 0.00008 | 0.0050 mg/L | 0.00008 | 1.53% |
| Co 228.616 | 3290.4 | 0.1078 mg/L | 0.00034 | 0.1078 mg/L | 0.00034 | 0.32% |
| Cr 267.716 | 10353.1 | 0.1843 mg/L | 0.00030 | 0.1843 mg/L | 0.00030 | 0.16% |
| Cu 324.752 | 133497.7 | 0.4046 mg/L | 0.00154 | 0.4046 mg/L | 0.00154 | 0.38% |
| Fe 273.955 | 10793296.7 | 279.60 mg/L | 0.823 | 279.60 mg/L | 0.823 | 0.29% |
| Mg 279.077 | 1356964.5 | 48.386 mg/L | 0.2786 | 48.386 mg/L | 0.2786 | 0.58% |
| Mn 257.610 | 4427435.2 | 6.3576 mg/L | 0.03096 | 6.3576 mg/L | 0.03096 | 0.49% |
| Ni 231.604 | 5895.9 | 0.2549 mg/L | 0.00097 | 0.2549 mg/L | 0.00097 | 0.38% |
| Pb 220.353 | 3059.4 | 0.5494 mg/L | 0.00242 | 0.5494 mg/L | 0.00242 | 0.44% |
| Sb 206.836 | -24.9 | -0.0127 mg/L | 0.00349 | -0.0127 mg/L | 0.00349 | 27.44% |
| Se 196.026 | -36.3 | 0.0517 mg/L | 0.00289 | 0.0517 mg/L | 0.00289 | 5.58% |
| Tl 190.801 | -24.4 | 0.0600 mg/L | 0.00170 | 0.0600 mg/L | 0.00170 | 2.83% |
| V 292.402 | 19443.9 | 0.1743 mg/L | 0.00242 | 0.1743 mg/L | 0.00242 | 1.39% |
| Zn 206.200 | 25719.8 | 0.9291 mg/L | 0.01126 | 0.9291 mg/L | 0.01126 | 1.21% |
| Na 330.237 | 2551.4 | 2.1286 mg/L | 0.06293 | 2.1286 mg/L | 0.06293 | 2.96% |
| Cd 226.502 | 947.5 | 0.0025 mg/L | 0.00002 | 0.0025 mg/L | 0.00002 | 0.80% |
| Ti 334.940 | 894954.4 | 0.9049 mg/L | 0.00592 | 0.9049 mg/L | 0.00592 | 0.65% |
| Ca 227.546 | 7355.9 | 19.464 mg/L | 0.0048 | 19.464 mg/L | 0.0048 | 0.02% |

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Sequence No.: 19

Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3

Date Collected: 8/3/2007 11:05:32 PM
Data Type: Reprocessed on 8/6/2007 8:18:03 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Ag 328.068 | 183419.3 | 1.2103 mg/L | 0.00838 | 1.2103 mg/L | 0.00838 | 0.69% |
| Al 308.215 | 367415.3 | 9.8614 mg/L | 0.04593 | 9.8614 mg/L | 0.04593 | 0.47% |
| As 188.979 | 456.3 | 0.5059 mg/L | 0.00498 | 0.5059 mg/L | 0.00498 | 0.98% |
| Ba 233.527 | 1141964.1 | 10.591 mg/L | 0.0012 | 10.591 mg/L | 0.0012 | 0.01% |
| Be 313.107 | 672810.1 | 0.2546 mg/L | 0.00140 | 0.2546 mg/L | 0.00140 | 0.55% |
| Co 228.616 | 76987.8 | 2.5875 mg/L | 0.00975 | 2.5875 mg/L | 0.00975 | 0.38% |
| Cr 267.716 | 56855.4 | 1.0326 mg/L | 0.00882 | 1.0326 mg/L | 0.00882 | 0.85% |
| Cu 324.752 | 412968.8 | 1.2586 mg/L | 0.00311 | 1.2586 mg/L | 0.00311 | 0.25% |
| Fe 273.955 | 201834.6 | 5.3927 mg/L | 0.03824 | 5.3927 mg/L | 0.03824 | 0.71% |
| Mg 279.077 | 714160.4 | 25.523 mg/L | 0.0003 | 25.523 mg/L | 0.0003 | 0.00% |
| Mn 257.610 | 1798221.1 | 2.5822 mg/L | 0.00735 | 2.5822 mg/L | 0.00735 | 0.28% |
| Ni 231.604 | 60490.1 | 2.5933 mg/L | 0.01401 | 2.5933 mg/L | 0.01401 | 0.54% |
| Pb 220.353 | 2850.0 | 0.5080 mg/L | 0.00067 | 0.5080 mg/L | 0.00067 | 0.13% |
| Sb 206.836 | 588.7 | 0.4661 mg/L | 0.00233 | 0.4661 mg/L | 0.00233 | 0.50% |
| Se 196.026 | 390.6 | 0.5035 mg/L | 0.00911 | 0.5035 mg/L | 0.00911 | 1.81% |
| Tl 190.801 | 719.0 | 0.5068 mg/L | 0.00028 | 0.5068 mg/L | 0.00028 | 0.06% |
| V 292.402 | 296786.5 | 2.5797 mg/L | 0.02511 | 2.5797 mg/L | 0.02511 | 0.97% |
| Zn 206.200 | 72396.0 | 2.6205 mg/L | 0.01328 | 2.6205 mg/L | 0.01328 | 0.51% |
| Na 330.237 | 36628.2 | 23.909 mg/L | 0.1537 | 23.909 mg/L | 0.1537 | 0.64% |
| Cd 226.502 | 13527.3 | 0.2545 mg/L | 0.00118 | 0.2545 mg/L | 0.00118 | 0.46% |
| Ti 334.940 | 775.7 | 0.0010 mg/L | 0.00008 | 0.0010 mg/L | 0.00008 | 7.92% |
| Ca 227.546 | 7323.6 | 25.022 mg/L | 0.0683 | 25.022 mg/L | 0.0683 | 0.27% |

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Sequence No.: 20

Sample ID: CCB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4

Date Collected: 8/3/2007 11:08:44 PM
Data Type: Reprocessed on 8/6/2007 8:18:04 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|-------------|-------|----------|-------------|--------|----------|---------|
| Ag 328.068 | 4.2 | 0.0000 | mg/L | 0.00017 | 0.0000 | mg/L | 0.00017 | 586.32% |
| Al 308.215 | 151.1 | 0.0041 | mg/L | 0.00125 | 0.0041 | mg/L | 0.00125 | 30.68% |
| As 188.979 | -1.0 | -0.0011 | mg/L | 0.00203 | -0.0011 | mg/L | 0.00203 | 188.47% |
| Ba 233.527 | 144.6 | 0.0013 | mg/L | 0.00020 | 0.0013 | mg/L | 0.00020 | 14.67% |
| Be 313.107 | 87.2 | 0.0000 | mg/L | 0.00001 | 0.0000 | mg/L | 0.00001 | 41.41% |
| Co 228.616 | 6.9 | 0.0002 | mg/L | 0.00013 | 0.0002 | mg/L | 0.00013 | 56.18% |
| Cr 267.716 | 13.1 | 0.0002 | mg/L | 0.00010 | 0.0002 | mg/L | 0.00010 | 42.46% |
| Cu 324.752 | 283.5 | 0.0009 | mg/L | 0.00002 | 0.0009 | mg/L | 0.00002 | 2.04% |
| Fe 273.955 | 732.3 | 0.0191 | mg/L | 0.00289 | 0.0191 | mg/L | 0.00289 | 15.12% |
| Mg 279.077 | 135.5 | 0.0048 | mg/L | 0.00049 | 0.0048 | mg/L | 0.00049 | 10.14% |
| Mn 257.610 | 412.9 | 0.0006 | mg/L | 0.00010 | 0.0006 | mg/L | 0.00010 | 17.27% |
| Ni 231.604 | 9.0 | 0.0004 | mg/L | 0.00012 | 0.0004 | mg/L | 0.00012 | 30.74% |
| Pb 220.353 | 11.6 | 0.0021 | mg/L | 0.00033 | 0.0021 | mg/L | 0.00033 | 16.22% |
| Sb 206.836 | 0.9 | 0.0008 | mg/L | 0.00118 | 0.0008 | mg/L | 0.00118 | 152.55% |
| Se 196.026 | 0.2 | 0.0002 | mg/L | 0.00320 | 0.0002 | mg/L | 0.00320 | >999.9% |
| Tl 190.801 | -3.7 | -0.0026 | mg/L | 0.00371 | -0.0026 | mg/L | 0.00371 | 143.14% |
| V 292.402 | -11.0 | -0.0001 | mg/L | 0.00025 | -0.0001 | mg/L | 0.00025 | 266.59% |
| Zn 206.200 | 116.5 | 0.0042 | mg/L | 0.00039 | 0.0042 | mg/L | 0.00039 | 9.20% |
| Na 330.237 | 109.7 | 0.0718 | mg/L | 0.10504 | 0.0718 | mg/L | 0.10504 | 146.39% |
| Cd 226.502 | 1.1 | 0.0000 | mg/L | 0.00001 | 0.0000 | mg/L | 0.00001 | 25.05% |
| Ti 334.940 | 25.5 | 0.0000 | mg/L | 0.00001 | 0.0000 | mg/L | 0.00001 | 32.60% |
| Ca 227.546 | 12.9 | 0.0442 | mg/L | 0.01707 | 0.0442 | mg/L | 0.01707 | 38.64% |

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Sequence No.: 21

Sample ID: F0936-14BDUP,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 107

Date Collected: 8/3/2007 11:11:50 PM

Data Type: Reprocessed on 8/6/2007 8:18:04 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-14BDUP,31386

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|-------------|-------|----------|-------------|--------|----------|--------|
| Ag 328.068 | 140.2 | -0.0538 | mg/L | 0.00012 | -0.0538 | mg/L | 0.00012 | 0.23% |
| Al 308.215 | 3692817.2 | 99.316 | mg/L | 0.8296 | 99.316 | mg/L | 0.8296 | 0.84% |
| As 188.979 | 50.2 | 0.0555 | mg/L | 0.00076 | 0.0555 | mg/L | 0.00076 | 1.38% |
| Ba 233.527 | 166029.3 | 1.5378 | mg/L | 0.01252 | 1.5378 | mg/L | 0.01252 | 0.81% |
| Be 313.107 | 8548.4 | 0.0052 | mg/L | 0.00004 | 0.0052 | mg/L | 0.00004 | 0.86% |
| Co 228.616 | 3929.3 | 0.1297 | mg/L | 0.00026 | 0.1297 | mg/L | 0.00026 | 0.20% |
| Cr 267.716 | 8840.9 | 0.1542 | mg/L | 0.00102 | 0.1542 | mg/L | 0.00102 | 0.66% |
| Cu 324.752 | 3616435.4 | 11.013 | mg/L | 0.0105 | 11.013 | mg/L | 0.0105 | 0.10% |
| Fe 273.955 | 9684088.2 | 250.99 | mg/L | 0.531 | 250.99 | mg/L | 0.531 | 0.21% |
| Mg 279.077 | 1286952.4 | 45.928 | mg/L | 0.3379 | 45.928 | mg/L | 0.3379 | 0.74% |
| Mn 257.610 | 6069886.7 | 8.7161 | mg/L | 0.03082 | 8.7161 | mg/L | 0.03082 | 0.35% |
| Ni 231.604 | 6048.4 | 0.2607 | mg/L | 0.00130 | 0.2607 | mg/L | 0.00130 | 0.50% |
| Pb 220.353 | 5361.8 | 0.9551 | mg/L | 0.00381 | 0.9551 | mg/L | 0.00381 | 0.40% |
| Sb 206.836 | -19.9 | -0.0088 | mg/L | 0.00223 | -0.0088 | mg/L | 0.00223 | 25.16% |
| Se 196.026 | -29.4 | 0.0515 | mg/L | 0.00160 | 0.0515 | mg/L | 0.00160 | 3.10% |
| Tl 190.801 | -18.9 | 0.0581 | mg/L | 0.00248 | 0.0581 | mg/L | 0.00248 | 4.26% |
| V 292.402 | 20836.7 | 0.1848 | mg/L | 0.00174 | 0.1848 | mg/L | 0.00174 | 0.94% |
| Zn 206.200 | 43074.4 | 1.5551 | mg/L | 0.02168 | 1.5551 | mg/L | 0.02168 | 1.39% |
| Na 330.237 | 3215.4 | 2.5454 | mg/L | 0.04406 | 2.5454 | mg/L | 0.04406 | 1.73% |
| Cd 226.502 | 1071.0 | 0.0064 | mg/L | 0.00003 | 0.0064 | mg/L | 0.00003 | 0.42% |
| Ti 334.940 | 1066243.0 | 1.0782 | mg/L | 0.01190 | 1.0782 | mg/L | 0.01190 | 1.10% |
| Ca 227.546 | 10785.4 | 31.869 | mg/L | 0.0891 | 31.869 | mg/L | 0.0891 | 0.28% |

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Sequence No.: 22

Sample ID: F0936-14BMS,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 19

Date Collected: 8/3/2007 11:15:08 PM

Data Type: Reprocessed on 8/6/2007 8:18:05 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-14BMS,31386

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|-------------|-------|----------|-------------|--------|----------|-------|
| Ag 328.068 | 14404.7 | 0.0284 | mg/L | 0.00057 | 0.0284 | mg/L | 0.00057 | 2.01% |
| Al 308.215 | 3858853.7 | 103.77 | mg/L | 0.496 | 103.77 | mg/L | 0.496 | 0.48% |
| As 188.979 | 106.1 | 0.1216 | mg/L | 0.00059 | 0.1216 | mg/L | 0.00059 | 0.49% |
| Ba 233.527 | 596156.2 | 5.5272 | mg/L | 0.02173 | 5.5272 | mg/L | 0.02173 | 0.39% |
| Be 313.107 | 269813.4 | 0.1042 | mg/L | 0.00067 | 0.1042 | mg/L | 0.00067 | 0.64% |
| Co 228.616 | 33550.4 | 1.1236 | mg/L | 0.00581 | 1.1236 | mg/L | 0.00581 | 0.52% |
| Cr 267.716 | 30774.3 | 0.5562 | mg/L | 0.00746 | 0.5562 | mg/L | 0.00746 | 1.34% |
| Cu 324.752 | 324312.0 | 0.9861 | mg/L | 0.00259 | 0.9861 | mg/L | 0.00259 | 0.26% |
| Fe 273.955 | 9377493.7 | 243.03 | mg/L | 1.124 | 243.03 | mg/L | 1.124 | 0.46% |
| Mg 279.077 | 1243034.2 | 44.329 | mg/L | 0.1794 | 44.329 | mg/L | 0.1794 | 0.40% |
| Mn 257.610 | 3932321.0 | 5.6467 | mg/L | 0.03109 | 5.6467 | mg/L | 0.03109 | 0.55% |
| Ni 231.604 | 29095.3 | 1.2491 | mg/L | 0.01497 | 1.2491 | mg/L | 0.01497 | 1.20% |
| Pb 220.353 | 4134.8 | 0.7415 | mg/L | 0.00031 | 0.7415 | mg/L | 0.00031 | 0.04% |
| Sb 206.836 | 92.6 | 0.0735 | mg/L | 0.00298 | 0.0735 | mg/L | 0.00298 | 4.05% |
| Se 196.026 | 37.2 | 0.1347 | mg/L | 0.00147 | 0.1347 | mg/L | 0.00147 | 1.09% |
| Tl 190.801 | 125.5 | 0.1530 | mg/L | 0.00076 | 0.1530 | mg/L | 0.00076 | 0.50% |
| V 292.402 | 134841.3 | 1.1764 | mg/L | 0.01420 | 1.1764 | mg/L | 0.01420 | 1.21% |
| Zn 206.200 | 59583.7 | 2.1539 | mg/L | 0.00760 | 2.1539 | mg/L | 0.00760 | 0.35% |
| Na 330.237 | 3996.8 | 3.0842 | mg/L | 0.00896 | 3.0842 | mg/L | 0.00896 | 0.29% |
| Cd 226.502 | 6190.6 | 0.1033 | mg/L | 0.00037 | 0.1033 | mg/L | 0.00037 | 0.36% |
| Ti 334.940 | 1132859.3 | 1.1454 | mg/L | 0.00614 | 1.1454 | mg/L | 0.00614 | 0.54% |
| Ca 227.546 | 6716.7 | 17.966 | mg/L | 0.0356 | 17.966 | mg/L | 0.0356 | 0.20% |

Sequence No.: 23

Sample ID: F0936-14BSD,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 108

Date Collected: 8/3/2007 11:18:22 PM

Data Type: Reprocessed on 8/6/2007 8:18:05 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-14BSD,31386

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|-------------|-------|----------|-------------|--------|----------|--------|
| Ag 328.068 | -8.6 | -0.0148 | mg/L | 0.00060 | -0.0148 | mg/L | 0.00060 | 4.06% |
| Al 308.215 | 742590.1 | 19.971 | mg/L | 0.0227 | 19.971 | mg/L | 0.0227 | 0.11% |
| As 188.979 | 7.0 | 0.0078 | mg/L | 0.00024 | 0.0078 | mg/L | 0.00024 | 3.05% |
| Ba 233.527 | 24714.5 | 0.2287 | mg/L | 0.00281 | 0.2287 | mg/L | 0.00281 | 1.23% |
| Be 313.107 | 1914.6 | 0.0011 | mg/L | 0.00002 | 0.0011 | mg/L | 0.00002 | 1.67% |
| Co 228.616 | 721.0 | 0.0236 | mg/L | 0.00028 | 0.0236 | mg/L | 0.00028 | 1.19% |
| Cr 267.716 | 2202.8 | 0.0392 | mg/L | 0.00020 | 0.0392 | mg/L | 0.00020 | 0.50% |
| Cu 324.752 | 26793.3 | 0.0811 | mg/L | 0.00104 | 0.0811 | mg/L | 0.00104 | 1.28% |
| Fe 273.955 | 2458162.2 | 63.665 | mg/L | 0.0352 | 63.665 | mg/L | 0.0352 | 0.06% |
| Mg 279.077 | 295410.2 | 10.532 | mg/L | 0.0998 | 10.532 | mg/L | 0.0998 | 0.95% |
| Mn 257.610 | 968727.3 | 1.3910 | mg/L | 0.00101 | 1.3910 | mg/L | 0.00101 | 0.07% |
| Ni 231.604 | 1304.2 | 0.0564 | mg/L | 0.00002 | 0.0564 | mg/L | 0.00002 | 0.04% |
| Pb 220.353 | 679.1 | 0.1219 | mg/L | 0.00023 | 0.1219 | mg/L | 0.00023 | 0.19% |
| Sb 206.836 | -9.2 | -0.0057 | mg/L | 0.00088 | -0.0057 | mg/L | 0.00088 | 15.29% |
| Se 196.026 | -7.2 | 0.0132 | mg/L | 0.00572 | 0.0132 | mg/L | 0.00572 | 43.38% |
| Tl 190.801 | -8.9 | 0.0114 | mg/L | 0.00153 | 0.0114 | mg/L | 0.00153 | 13.39% |
| V 292.402 | 3987.0 | 0.0359 | mg/L | 0.00068 | 0.0359 | mg/L | 0.00068 | 1.91% |
| Zn 206.200 | 5664.7 | 0.2046 | mg/L | 0.00028 | 0.2046 | mg/L | 0.00028 | 0.14% |
| Na 330.237 | 573.2 | 0.4762 | mg/L | 0.02124 | 0.4762 | mg/L | 0.02124 | 4.46% |
| Cd 226.502 | 202.3 | 0.0003 | mg/L | 0.00003 | 0.0003 | mg/L | 0.00003 | 10.37% |
| Ti 334.940 | 184294.4 | 0.1864 | mg/L | 0.00118 | 0.1864 | mg/L | 0.00118 | 0.63% |
| Ca 227.546 | 1539.4 | 3.9634 | mg/L | 0.01953 | 3.9634 | mg/L | 0.01953 | 0.49% |

Sequence No.: 24

Sample ID: F0936-14BPDS,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 20

Date Collected: 8/3/2007 11:21:34 PM

Data Type: Reprocessed on 8/6/2007 8:18:06 AM

Initial Sample Vol:

Sample Prep Vol:

TS 8/6/07

Mean Data: F0936-14BPDS,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|---------|-------|----------|---------|-------|----------|-------|
| | Intensity | Conc. | | | Units | Conc. | | |
| Ag 328.068 | 3289.6 | -0.0421 | mg/L | 0.00041 | -0.0421 | mg/L | 0.00041 | 0.96% |
| Al 308.215 | 3529251.3 | 94.916 | mg/L | 0.1719 | 94.916 | mg/L | 0.1719 | 0.18% |
| As 188.979 | 53.7 | 0.0597 | mg/L | 0.00304 | 0.0597 | mg/L | 0.00304 | 5.10% |
| Ba 233.527 | 161377.4 | 1.4947 | mg/L | 0.00041 | 1.4947 | mg/L | 0.00041 | 0.03% |
| Be 313.107 | 35905.9 | 0.0152 | mg/L | 0.00005 | 0.0152 | mg/L | 0.00005 | 0.32% |
| Co 228.616 | 6478.8 | 0.2156 | mg/L | 0.00099 | 0.2156 | mg/L | 0.00099 | 0.46% |
| Cr 267.716 | 11430.0 | 0.2040 | mg/L | 0.00195 | 0.2040 | mg/L | 0.00195 | 0.96% |
| Cu 324.752 | 144868.2 | 0.4396 | mg/L | 0.00116 | 0.4396 | mg/L | 0.00116 | 0.27% |
| Fe 273.955 | 10591887.7 | 274.43 | mg/L | 1.809 | 274.43 | mg/L | 1.809 | 0.66% |
| Mg 279.077 | 1606027.5 | 57.278 | mg/L | 0.0514 | 57.278 | mg/L | 0.0514 | 0.09% |
| Mn 257.610 | 4359434.1 | 6.2599 | mg/L | 0.03438 | 6.2599 | mg/L | 0.03438 | 0.55% |
| Ni 231.604 | 7813.0 | 0.3373 | mg/L | 0.00261 | 0.3373 | mg/L | 0.00261 | 0.78% |
| Pb 220.353 | 3110.2 | 0.5585 | mg/L | 0.00318 | 0.5585 | mg/L | 0.00318 | 0.57% |
| Sb 206.836 | 137.5 | 0.1238 | mg/L | 0.00194 | 0.1238 | mg/L | 0.00194 | 1.57% |
| Se 196.026 | 13.0 | 0.1127 | mg/L | 0.00207 | 0.1127 | mg/L | 0.00207 | 1.84% |
| Tl 190.801 | 47.8 | 0.1093 | mg/L | 0.00222 | 0.1093 | mg/L | 0.00222 | 2.03% |
| V 292.402 | 31358.5 | 0.2777 | mg/L | 0.00263 | 0.2777 | mg/L | 0.00263 | 0.95% |
| Zn 206.200 | 28248.5 | 1.0206 | mg/L | 0.00064 | 1.0206 | mg/L | 0.00064 | 0.06% |
| Na 330.237 | 16476.6 | 11.211 | mg/L | 0.0780 | 11.211 | mg/L | 0.0780 | 0.70% |
| Cd 226.502 | 1481.4 | 0.0129 | mg/L | 0.00012 | 0.0129 | mg/L | 0.00012 | 0.96% |
| Ti 334.940 | 871771.9 | 0.8816 | mg/L | 0.00000 | 0.8816 | mg/L | 0.00000 | 0.00% |
| Ca 227.546 | 10283.9 | 29.683 | mg/L | 0.1820 | 29.683 | mg/L | 0.1820 | 0.61% |

Sequence No.: 25

Sample ID: F0936-16B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 109

Date Collected: 8/3/2007 11:24:48 PM

Data Type: Reprocessed on 8/6/2007 8:18:06 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-16B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|---------|-------|----------|---------|-------|----------|--------|
| | Intensity | Conc. | | | Units | Conc. | | |
| Ag 328.068 | -177.9 | -0.0516 | mg/L | 0.00028 | -0.0516 | mg/L | 0.00028 | 0.53% |
| Al 308.215 | 3029770.1 | 81.483 | mg/L | 0.0646 | 81.483 | mg/L | 0.0646 | 0.08% |
| As 188.979 | 37.8 | 0.0423 | mg/L | 0.00283 | 0.0423 | mg/L | 0.00283 | 6.70% |
| Ba 233.527 | 101317.8 | 0.9381 | mg/L | 0.00940 | 0.9381 | mg/L | 0.00940 | 1.00% |
| Be 313.107 | 4184.1 | 0.0048 | mg/L | 0.00002 | 0.0048 | mg/L | 0.00002 | 0.37% |
| Co 228.616 | 2853.6 | 0.0910 | mg/L | 0.00013 | 0.0910 | mg/L | 0.00013 | 0.14% |
| Cr 267.716 | 6682.7 | 0.1196 | mg/L | 0.00146 | 0.1196 | mg/L | 0.00146 | 1.22% |
| Cu 324.752 | 92143.4 | 0.2793 | mg/L | 0.00380 | 0.2793 | mg/L | 0.00380 | 1.36% |
| Fe 273.955 | 8311800.8 | 215.37 | mg/L | 0.080 | 215.37 | mg/L | 0.080 | 0.04% |
| Mg 279.077 | 856379.9 | 30.513 | mg/L | 0.0139 | 30.513 | mg/L | 0.0139 | 0.05% |
| Mn 257.610 | 2411646.6 | 3.4630 | mg/L | 0.00278 | 3.4630 | mg/L | 0.00278 | 0.08% |
| Ni 231.604 | 4015.8 | 0.1733 | mg/L | 0.00018 | 0.1733 | mg/L | 0.00018 | 0.10% |
| Pb 220.353 | 597.1 | 0.1107 | mg/L | 0.00052 | 0.1107 | mg/L | 0.00052 | 0.47% |
| Sb 206.836 | -23.8 | -0.0116 | mg/L | 0.00175 | -0.0116 | mg/L | 0.00175 | 15.13% |
| Se 196.026 | -29.9 | 0.0383 | mg/L | 0.00026 | 0.0383 | mg/L | 0.00026 | 0.68% |
| Tl 190.801 | -21.3 | 0.0417 | mg/L | 0.00309 | 0.0417 | mg/L | 0.00309 | 7.40% |
| V 292.402 | 20313.2 | 0.1803 | mg/L | 0.00237 | 0.1803 | mg/L | 0.00237 | 1.31% |
| Zn 206.200 | 17234.1 | 0.6221 | mg/L | 0.00820 | 0.6221 | mg/L | 0.00820 | 1.32% |
| Na 330.237 | 2167.1 | 2.0008 | mg/L | 0.07541 | 2.0008 | mg/L | 0.07541 | 3.77% |
| Cd 226.502 | 686.4 | 0.0011 | mg/L | 0.00001 | 0.0011 | mg/L | 0.00001 | 1.27% |
| Ti 334.940 | 1771890.2 | 1.7914 | mg/L | 0.00350 | 1.7914 | mg/L | 0.00350 | 0.20% |
| Ca 227.546 | 7473.2 | 21.234 | mg/L | 0.0651 | 21.234 | mg/L | 0.0651 | 0.31% |

Sequence No.: 26

Sample ID: F0936-18B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 110

Date Collected: 8/3/2007 11:28:02 PM

Data Type: Reprocessed on 8/6/2007 8:18:07 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-18B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Ag 328.068 | 1298.5 | -0.0388 | mg/L | 0.00025 | -0.0388 | mg/L | 0.66% |
| Al 308.215 | 5074392.2 | 136.47 | mg/L | 1.216 | 136.47 | mg/L | 0.89% |
| As 188.979 | 48.7 | 0.0558 | mg/L | 0.00158 | 0.0558 | mg/L | 2.83% |
| Ba 233.527 | 262500.7 | 2.4328 | mg/L | 0.02042 | 2.4328 | mg/L | 0.84% |
| Be 313.107 | 13702.7 | 0.0072 | mg/L | 0.00002 | 0.0072 | mg/L | 0.21% |
| Co 228.616 | 2147.7 | 0.0689 | mg/L | 0.00002 | 0.0689 | mg/L | 0.02% |
| Cr 267.716 | 12289.6 | 0.2190 | mg/L | 0.00237 | 0.2190 | mg/L | 1.08% |
| Cu 324.752 | 118231.2 | 0.3587 | mg/L | 0.00173 | 0.3587 | mg/L | 0.48% |
| Fe 273.955 | 7627740.9 | 197.96 | mg/L | 1.537 | 197.96 | mg/L | 0.78% |
| Mg 279.077 | 1358522.5 | 48.465 | mg/L | 0.3846 | 48.465 | mg/L | 0.79% |
| Mn 257.610 | 3603637.2 | 5.1747 | mg/L | 0.04210 | 5.1747 | mg/L | 0.81% |
| Ni 231.604 | 5429.9 | 0.2356 | mg/L | 0.00026 | 0.2356 | mg/L | 0.11% |
| Pb 220.353 | 13737.1 | 2.4530 | mg/L | 0.00250 | 2.4530 | mg/L | 0.10% |
| Sb 206.836 | -20.0 | -0.0144 | mg/L | 0.00093 | -0.0144 | mg/L | 6.47% |
| Se 196.026 | -23.0 | 0.0413 | mg/L | 0.00467 | 0.0413 | mg/L | 11.29% |
| Tl 190.801 | -13.8 | 0.0404 | mg/L | 0.00102 | 0.0404 | mg/L | 2.52% |
| V 292.402 | 32505.3 | 0.2863 | mg/L | 0.00101 | 0.2863 | mg/L | 0.35% |
| Zn 206.200 | 72745.0 | 2.6270 | mg/L | 0.00318 | 2.6270 | mg/L | 0.12% |
| Na 330.237 | 3966.5 | 3.0180 | mg/L | 0.08137 | 3.0180 | mg/L | 2.70% |
| Cd 226.502 | 993.7 | 0.0079 | mg/L | 0.00012 | 0.0079 | mg/L | 1.49% |
| Ti 334.940 | 1091861.0 | 1.1039 | mg/L | 0.01095 | 1.1039 | mg/L | 0.99% |
| Ca 227.546 | 5694.2 | 15.462 | mg/L | 0.1083 | 15.462 | mg/L | 0.70% |

Sequence No.: 27
 Sample ID: F0936-20B,31386
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 111
 Date Collected: 8/3/2007 11:31:17 PM
 Data Type: Reprocessed on 8/6/2007 8:18:07 AM
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0936-20B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Ag 328.068 | 1808.9 | -0.0249 | mg/L | 0.00002 | -0.0249 | mg/L | 0.09% |
| Al 308.215 | 2496533.9 | 67.142 | mg/L | 0.0988 | 67.142 | mg/L | 0.15% |
| As 188.979 | 104.3 | 0.1184 | mg/L | 0.00277 | 0.1184 | mg/L | 2.34% |
| Ba 233.527 | 3401081.0 | 31.533 | mg/L | 0.0100 | 31.533 | mg/L | 0.03% |
| Be 313.107 | 12824.6 | 0.0067 | mg/L | 0.00000 | 0.0067 | mg/L | 0.06% |
| Co 228.616 | 1824.9 | 0.0699 | mg/L | 0.00029 | 0.0699 | mg/L | 0.41% |
| Cr 267.716 | 15700.2 | 0.2823 | mg/L | 0.00219 | 0.2823 | mg/L | 0.78% |
| Cu 324.752 | 2184287.0 | 6.6565 | mg/L | 0.00485 | 6.6565 | mg/L | 0.07% |
| Fe 273.955 | 8602708.6 | 223.51 | mg/L | 0.344 | 223.51 | mg/L | 0.15% |
| Mg 279.077 | 655450.7 | 23.357 | mg/L | 0.1463 | 23.357 | mg/L | 0.63% |
| Mn 257.610 | 3638072.3 | 5.2241 | mg/L | 0.01251 | 5.2241 | mg/L | 0.24% |
| Ni 231.604 | 4158.9 | 0.1835 | mg/L | 0.00091 | 0.1835 | mg/L | 0.50% |
| Pb 220.353 | 99033.5 | 17.634 | mg/L | 0.1031 | 17.634 | mg/L | 0.58% |
| Sb 206.836 | 11.1 | 0.0164 | mg/L | 0.00305 | 0.0164 | mg/L | 18.55% |
| Se 196.026 | -8.9 | 0.0557 | mg/L | 0.00252 | 0.0557 | mg/L | 4.52% |
| Tl 190.801 | -15.2 | 0.0516 | mg/L | 0.00307 | 0.0516 | mg/L | 5.96% |
| V 292.402 | 25614.5 | 0.2263 | mg/L | 0.00037 | 0.2263 | mg/L | 0.17% |
| Zn 206.200 | 698296.2 | 25.223 | mg/L | 0.0615 | 25.223 | mg/L | 0.24% |
| Na 330.237 | 30833.3 | 20.245 | mg/L | 0.1140 | 20.245 | mg/L | 0.56% |
| Cd 226.502 | 2377.3 | 0.0324 | mg/L | 0.00005 | 0.0324 | mg/L | 0.15% |
| Ti 334.940 | 1004726.3 | 1.0180 | mg/L | 0.00260 | 1.0180 | mg/L | 0.26% |
| Ca 227.546 | 57925.8 | 195.35 | mg/L | 1.470 | 195.35 | mg/L | 0.75% |

Sequence No.: 28
 Sample ID: CRI
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 7
 Date Collected: 8/3/2007 11:34:33 PM
 Data Type: Reprocessed on 8/6/2007 8:18:08 AM
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: CRI

Mean Corrected Calib Sample



| Analyte | Intensity | Conc. Units | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|------------|-----------|-------------|----------|-------------|----------|--------|
| Ag 328.068 | 1543.4 | 0.0102 mg/L | 0.00028 | 0.0102 mg/L | 0.00028 | 2.76% |
| Al 308.215 | 7867.5 | 0.2112 mg/L | 0.00096 | 0.2112 mg/L | 0.00096 | 0.45% |
| As 188.979 | 9.8 | 0.0107 mg/L | 0.00016 | 0.0107 mg/L | 0.00016 | 1.45% |
| Ba 233.527 | 23855.8 | 0.2212 mg/L | 0.00154 | 0.2212 mg/L | 0.00154 | 0.69% |
| Be 313.107 | 13165.8 | 0.0050 mg/L | 0.00001 | 0.0050 mg/L | 0.00001 | 0.28% |
| Co 228.616 | 1559.8 | 0.0527 mg/L | 0.00011 | 0.0527 mg/L | 0.00011 | 0.21% |
| Cr 267.716 | 559.0 | 0.0102 mg/L | 0.00007 | 0.0102 mg/L | 0.00007 | 0.73% |
| Cu 324.752 | 8708.7 | 0.0267 mg/L | 0.00002 | 0.0267 mg/L | 0.00002 | 0.07% |
| Fe 273.955 | 6218.1 | 0.1863 mg/L | 0.00468 | 0.1863 mg/L | 0.00468 | 2.51% |
| Mg 279.077 | 143385.1 | 5.1185 mg/L | 0.00862 | 5.1185 mg/L | 0.00862 | 0.17% |
| Mn 257.610 | 11946.3 | 0.0172 mg/L | 0.00007 | 0.0172 mg/L | 0.00007 | 0.41% |
| Ni 231.604 | 981.1 | 0.0422 mg/L | 0.00015 | 0.0422 mg/L | 0.00015 | 0.37% |
| Pb 220.353 | 117.1 | 0.0209 mg/L | 0.00048 | 0.0209 mg/L | 0.00048 | 2.27% |
| Sb 206.836 | 76.2 | 0.0641 mg/L | 0.00025 | 0.0641 mg/L | 0.00025 | 0.39% |
| Se 196.026 | 31.2 | 0.0400 mg/L | 0.00417 | 0.0400 mg/L | 0.00417 | 10.41% |
| Tl 190.801 | 32.5 | 0.0229 mg/L | 0.00093 | 0.0229 mg/L | 0.00093 | 4.08% |
| V 292.402 | 5829.4 | 0.0506 mg/L | 0.00029 | 0.0506 mg/L | 0.00029 | 0.57% |
| Zn 206.200 | 2248.0 | 0.0813 mg/L | 0.00162 | 0.0813 mg/L | 0.00162 | 1.99% |
| Na 330.237 | 5950.8 | 3.8849 mg/L | 0.00281 | 3.8849 mg/L | 0.00281 | 0.07% |
| Cd 226.502 | 274.3 | 0.0052 mg/L | 0.00001 | 0.0052 mg/L | 0.00001 | 0.20% |
| Ti 334.940 | 237.8 | 0.0003 mg/L | 0.00014 | 0.0003 mg/L | 0.00014 | 45.58% |
| Ca 227.546 | 1402.2 | 4.8377 mg/L | 0.03440 | 4.8377 mg/L | 0.03440 | 0.71% |

Sequence No.: 29
Sample ID: ICSA
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/3/2007 11:37:38 PM
Data Type: Reprocessed on 8/6/2007 8:18:08 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

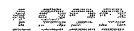
| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|--|--------------------------|-------------------|----------|--------------------|----------|--------|
| Ag 328.068 | -200.0 | -0.0021 mg/L | 0.00022 | -0.0021 mg/L | 0.00022 | 10.65% |
| Al 308.215 | 16375061.8 | 440.40 mg/L | 1.075 | 440.40 mg/L | 1.075 | 0.24% |
| As 188.979 | -14.6 | -0.0057 mg/L | 0.00375 | -0.0057 mg/L | 0.00375 | 65.99% |
| Ba 233.527 | 366.0 | 0.0022 mg/L | 0.00000 | 0.0022 mg/L | 0.00000 | 0.12% |
| Be 313.107 | 96.1 | 0.0000 mg/L | 0.00001 | 0.0000 mg/L | 0.00001 | 26.32% |
| Co 228.616 | 94.0 | 0.0331 mg/L | 0.00027 | 0.0331 mg/L | 0.00027 | 0.83% |
| Cr 267.716 | -135.4 | -0.0075 mg/L | 0.00011 | -0.0075 mg/L | 0.00011 | 1.41% |
| Cu 324.752 | -5154.1 | -0.0030 mg/L | 0.00015 | -0.0030 mg/L | 0.00015 | 5.12% |
| Fe 273.955 | 6242944.2 | 165.88 mg/L | 0.193 | 165.88 mg/L | 0.193 | 0.12% |
| Mg 279.077 | 11777989.7 | 420.36 mg/L | 0.603 | 420.36 mg/L | 0.603 | 0.14% |
| Mn 257.610 | 1614.8 | 0.0023 mg/L | 0.00005 | 0.0023 mg/L | 0.00005 | 2.28% |
| Saturated outside survey window (code 6) | | | | | | |
| Ni 231.604 | 43.9 | 0.0235 mg/L | 0.00005 | 0.0235 mg/L | 0.00005 | 0.20% |
| Pb 220.353 | -147.8 | 0.0055 mg/L | 0.00014 | 0.0055 mg/L | 0.00014 | 2.49% |
| Sb 206.836 | -19.0 | -0.0023 mg/L | 0.00068 | -0.0023 mg/L | 0.00068 | 28.96% |
| Se 196.026 | -22.0 | 0.0084 mg/L | 0.00129 | 0.0084 mg/L | 0.00129 | 15.36% |
| Tl 190.801 | -17.5 | 0.0055 mg/L | 0.00012 | 0.0055 mg/L | 0.00012 | 2.17% |
| V 292.402 | -543.3 | -0.0020 mg/L | 0.00019 | -0.0020 mg/L | 0.00019 | 9.46% |
| Zn 206.200 | 473.3 | 0.0120 mg/L | 0.00015 | 0.0120 mg/L | 0.00015 | 1.26% |
| Na 330.237 | 853.2 | -0.2281 mg/L | 0.12501 | -0.2281 mg/L | 0.12501 | 54.81% |
| Cd 226.502 | 507.6 | 0.0006 mg/L | 0.00000 | 0.0006 mg/L | 0.00000 | 0.27% |
| Ti 334.940 | -5408.9 | 0.0002 mg/L | 0.00001 | 0.0002 mg/L | 0.00001 | 4.28% |
| Ca 227.546 | 137986.2 | 473.25 mg/L | 2.914 | 473.25 mg/L | 2.914 | 0.62% |

Sequence No.: 30
Sample ID: ICSAB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/3/2007 11:40:53 PM
Data Type: Reprocessed on 8/6/2007 8:18:09 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Mean Corrected Calib Sample



| Analyte | Intensity | Conc. Units | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|------------|------------|-------------|----------|-------------|----------|--------|
| Ag 328.068 | 28521.3 | 0.1870 mg/L | 0.00101 | 0.1870 mg/L | 0.00101 | 0.54% |
| Al 308.215 | 16370087.1 | 440.26 mg/L | 0.431 | 440.26 mg/L | 0.431 | 0.10% |
| As 188.979 | 65.5 | 0.0869 mg/L | 0.00419 | 0.0869 mg/L | 0.00419 | 4.82% |
| Ba 233.527 | 50412.7 | 0.4668 mg/L | 0.00168 | 0.4668 mg/L | 0.00168 | 0.36% |
| Be 313.107 | 1132669.0 | 0.4285 mg/L | 0.00040 | 0.4285 mg/L | 0.00040 | 0.09% |
| Co 228.616 | 12125.3 | 0.4375 mg/L | 0.00075 | 0.4375 mg/L | 0.00075 | 0.17% |
| Cr 267.716 | 23800.2 | 0.4274 mg/L | 0.00124 | 0.4274 mg/L | 0.00124 | 0.29% |
| Cu 324.752 | 145796.3 | 0.4569 mg/L | 0.00118 | 0.4569 mg/L | 0.00118 | 0.26% |
| Fe 273.955 | 6268624.6 | 166.56 mg/L | 0.148 | 166.56 mg/L | 0.148 | 0.09% |
| Mg 279.077 | 11813290.3 | 421.62 mg/L | 0.479 | 421.62 mg/L | 0.479 | 0.11% |
| Mn 257.610 | 310409.7 | 0.4458 mg/L | 0.00046 | 0.4458 mg/L | 0.00046 | 0.10% |
| Ni 231.604 | 18559.3 | 0.8172 mg/L | 0.00301 | 0.8172 mg/L | 0.00301 | 0.37% |
| Pb 220.353 | 85.8 | 0.0471 mg/L | 0.00135 | 0.0471 mg/L | 0.00135 | 2.86% |
| Sb 206.836 | 677.8 | 0.5711 mg/L | 0.00569 | 0.5711 mg/L | 0.00569 | 1.00% |
| Se 196.026 | 7.1 | 0.0460 mg/L | 0.00029 | 0.0460 mg/L | 0.00029 | 0.62% |
| Tl 190.801 | 98.9 | 0.0875 mg/L | 0.00236 | 0.0875 mg/L | 0.00236 | 2.69% |
| V 292.402 | 50415.6 | 0.4414 mg/L | 0.00082 | 0.4414 mg/L | 0.00082 | 0.19% |
| Zn 206.200 | 23129.1 | 0.8326 mg/L | 0.00055 | 0.8326 mg/L | 0.00055 | 0.07% |
| Na 330.237 | 1630.7 | 0.2690 mg/L | 0.02539 | 0.2690 mg/L | 0.02539 | 9.44% |
| Cd 226.502 | 44211.7 | 0.8202 mg/L | 0.00088 | 0.8202 mg/L | 0.00088 | 0.11% |
| Ti 334.940 | -5429.2 | 0.0002 mg/L | 0.00006 | 0.0002 mg/L | 0.00006 | 29.42% |
| Ca 227.546 | 139068.6 | 476.92 mg/L | 0.239 | 476.92 mg/L | 0.239 | 0.05% |

Sequence No.: 31

Sample ID: CCV

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/3/2007 11:44:06 PM

Data Type: Reprocessed on 8/6/2007 8:18:09 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|----------|-------------|----------|-------|
| | Intensity | Conc. Units | | Conc. Units | Std.Dev. | |
| Ag 328.068 | 180588.0 | 1.1915 mg/L | 0.01370 | 1.1915 mg/L | 0.01370 | 1.15% |
| Al 308.215 | 364392.6 | 9.7803 mg/L | 0.09651 | 9.7803 mg/L | 0.09651 | 0.99% |
| As 188.979 | 464.5 | 0.5144 mg/L | 0.00104 | 0.5144 mg/L | 0.00104 | 0.20% |
| Ba 233.527 | 1137873.1 | 10.553 mg/L | 0.0530 | 10.553 mg/L | 0.0530 | 0.50% |
| Be 313.107 | 669810.1 | 0.2535 mg/L | 0.00231 | 0.2535 mg/L | 0.00231 | 0.91% |
| Co 228.616 | 76444.0 | 2.5693 mg/L | 0.02513 | 2.5693 mg/L | 0.02513 | 0.98% |
| Cr 267.716 | 56051.2 | 1.0180 mg/L | 0.00846 | 1.0180 mg/L | 0.00846 | 0.83% |
| Cu 324.752 | 409684.8 | 1.2486 mg/L | 0.00767 | 1.2486 mg/L | 0.00767 | 0.61% |
| Fe 273.955 | 198973.8 | 5.3187 mg/L | 0.05623 | 5.3187 mg/L | 0.05623 | 1.06% |
| Mg 279.077 | 715315.8 | 25.565 mg/L | 0.0975 | 25.565 mg/L | 0.0975 | 0.38% |
| Mn 257.610 | 1795297.4 | 2.5780 mg/L | 0.01339 | 2.5780 mg/L | 0.01339 | 0.52% |
| Ni 231.604 | 59769.9 | 2.5624 mg/L | 0.03237 | 2.5624 mg/L | 0.03237 | 1.26% |
| Pb 220.353 | 2862.6 | 0.5102 mg/L | 0.00111 | 0.5102 mg/L | 0.00111 | 0.22% |
| Sb 206.836 | 596.9 | 0.4734 mg/L | 0.00528 | 0.4734 mg/L | 0.00528 | 1.12% |
| Se 196.026 | 392.1 | 0.5055 mg/L | 0.00286 | 0.5055 mg/L | 0.00286 | 0.57% |
| Tl 190.801 | 723.1 | 0.5097 mg/L | 0.00515 | 0.5097 mg/L | 0.00515 | 1.01% |
| V 292.402 | 293718.9 | 2.5530 mg/L | 0.02192 | 2.5530 mg/L | 0.02192 | 0.86% |
| Zn 206.200 | 71761.9 | 2.5975 mg/L | 0.03700 | 2.5975 mg/L | 0.03700 | 1.42% |
| Na 330.237 | 36170.3 | 23.609 mg/L | 0.2771 | 23.609 mg/L | 0.2771 | 1.17% |
| Cd 226.502 | 13355.7 | 0.2512 mg/L | 0.00454 | 0.2512 mg/L | 0.00454 | 1.81% |
| Ti 334.940 | 468.4 | 0.0007 mg/L | 0.00004 | 0.0007 mg/L | 0.00004 | 6.62% |
| Ca 227.546 | 7339.7 | 25.081 mg/L | 0.0020 | 25.081 mg/L | 0.0020 | 0.01% |

Sequence No.: 32

Sample ID: CCB

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/3/2007 11:47:18 PM

Data Type: Reprocessed on 8/6/2007 8:18:10 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Std.Dev. | Sample | | RSD |
|---------|----------------|-------------|----------|-------------|----------|-----|
| | Intensity | Conc. Units | | Conc. Units | Std.Dev. | |

| | | | | | | |
|------------|-------|--------------|---------|--------------|---------|---------|
| Ag 328.068 | 37.9 | 0.0003 mg/L | 0.00015 | 0.0003 mg/L | 0.00015 | 59.67% |
| Al 308.215 | 400.1 | 0.0108 mg/L | 0.00253 | 0.0108 mg/L | 0.00253 | 23.53% |
| As 188.979 | -3.1 | -0.0034 mg/L | 0.00076 | -0.0034 mg/L | 0.00076 | 22.72% |
| Ba 233.527 | 134.2 | 0.0012 mg/L | 0.00004 | 0.0012 mg/L | 0.00004 | 3.39% |
| Be 313.107 | 122.0 | 0.0000 mg/L | 0.00000 | 0.0000 mg/L | 0.00000 | 6.69% |
| Co 228.616 | 8.6 | 0.0003 mg/L | 0.00002 | 0.0003 mg/L | 0.00002 | 8.36% |
| Cr 267.716 | 2.8 | 0.0001 mg/L | 0.00004 | 0.0001 mg/L | 0.00004 | 71.44% |
| Cu 324.752 | 241.8 | 0.0007 mg/L | 0.00010 | 0.0007 mg/L | 0.00010 | 12.91% |
| Fe 273.955 | 520.1 | 0.0137 mg/L | 0.00210 | 0.0137 mg/L | 0.00210 | 15.37% |
| Mg 279.077 | 343.7 | 0.0123 mg/L | 0.00267 | 0.0123 mg/L | 0.00267 | 21.75% |
| Mn 257.610 | 279.6 | 0.0004 mg/L | 0.00001 | 0.0004 mg/L | 0.00001 | 3.65% |
| Ni 231.604 | 6.1 | 0.0003 mg/L | 0.00016 | 0.0003 mg/L | 0.00016 | 59.67% |
| Pb 220.353 | 9.9 | 0.0018 mg/L | 0.00087 | 0.0018 mg/L | 0.00087 | 49.41% |
| Sb 206.836 | 1.2 | 0.0010 mg/L | 0.00128 | 0.0010 mg/L | 0.00128 | 126.54% |
| Se 196.026 | 0.8 | 0.0010 mg/L | 0.00080 | 0.0010 mg/L | 0.00080 | 78.04% |
| Tl 190.801 | -1.9 | -0.0013 mg/L | 0.00122 | -0.0013 mg/L | 0.00122 | 93.28% |
| V 292.402 | 14.9 | 0.0001 mg/L | 0.00015 | 0.0001 mg/L | 0.00015 | 115.02% |
| Zn 206.200 | 107.1 | 0.0039 mg/L | 0.00020 | 0.0039 mg/L | 0.00020 | 5.06% |
| Na 330.237 | 57.2 | 0.0374 mg/L | 0.04093 | 0.0374 mg/L | 0.04093 | 109.44% |
| Cd 226.502 | -1.4 | 0.0000 mg/L | 0.00008 | 0.0000 mg/L | 0.00008 | 323.76% |
| Ti 334.940 | 14.0 | 0.0000 mg/L | 0.00008 | 0.0000 mg/L | 0.00008 | 572.92% |
| Ca 227.546 | 12.1 | 0.0416 mg/L | 0.03679 | 0.0416 mg/L | 0.03679 | 88.50% |

Sequence No.: 33

Sample ID: F0981-03B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 112

Date Collected: 8/3/2007 11:50:24 PM

Data Type: Reprocessed on 8/6/2007 8:18:10 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-03B,31386

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Ag 328.068 | -265.0 | -0.0812 mg/L | 0.00077 | -0.0812 mg/L | 0.00077 | 0.95% |
| Al 308.215 | 8003157.9 | 215.24 mg/L | 1.973 | 215.24 mg/L | 1.973 | 0.92% |
| As 188.979 | 110.6 | 0.1248 mg/L | 0.00046 | 0.1248 mg/L | 0.00046 | 0.37% |
| Ba 233.527 | 333548.6 | 3.0905 mg/L | 0.02652 | 3.0905 mg/L | 0.02652 | 0.86% |
| Be 313.107 | 20093.1 | 0.0126 mg/L | 0.00015 | 0.0126 mg/L | 0.00015 | 1.17% |
| Co 228.616 | 6937.5 | 0.2271 mg/L | 0.00069 | 0.2271 mg/L | 0.00069 | 0.30% |
| Cr 267.716 | 18385.8 | 0.3307 mg/L | 0.00260 | 0.3307 mg/L | 0.00260 | 0.79% |
| Cu 324.752 | 135652.3 | 0.4117 mg/L | 0.00306 | 0.4117 mg/L | 0.00306 | 0.74% |
| Fe 273.955 | 13346699.1 | 346.42 mg/L | 2.673 | 346.42 mg/L | 2.673 | 0.77% |
| Mg 279.077 | 3362387.8 | 119.92 mg/L | 0.995 | 119.92 mg/L | 0.995 | 0.83% |
| Mn 257.610 | 3207269.5 | 4.6055 mg/L | 0.03828 | 4.6055 mg/L | 0.03828 | 0.83% |
| Ni 231.604 | 13327.0 | 0.5758 mg/L | 0.00061 | 0.5758 mg/L | 0.00061 | 0.11% |
| Pb 220.353 | 1111.8 | 0.2108 mg/L | 0.00018 | 0.2108 mg/L | 0.00018 | 0.08% |
| Sb 206.836 | -39.4 | -0.0252 mg/L | 0.00004 | -0.0252 mg/L | 0.00004 | 0.15% |
| Se 196.026 | -49.2 | 0.0615 mg/L | 0.00097 | 0.0615 mg/L | 0.00097 | 1.57% |
| Tl 190.801 | -23.8 | 0.0679 mg/L | 0.00056 | 0.0679 mg/L | 0.00056 | 0.83% |
| V 292.402 | 31879.0 | 0.2833 mg/L | 0.00327 | 0.2833 mg/L | 0.00327 | 1.15% |
| Zn 206.200 | 36486.1 | 1.3169 mg/L | 0.00851 | 1.3169 mg/L | 0.00851 | 0.65% |
| Na 330.237 | 3035.2 | 2.8434 mg/L | 0.04083 | 2.8434 mg/L | 0.04083 | 1.44% |
| Cd 226.502 | 1492.9 | 0.0093 mg/L | 0.00007 | 0.0093 mg/L | 0.00007 | 0.79% |
| Ti 334.940 | 2728669.6 | 2.7590 mg/L | 0.02492 | 2.7590 mg/L | 0.02492 | 0.90% |
| Ca 227.546 | 19342.0 | 59.436 mg/L | 0.3159 | 59.436 mg/L | 0.3159 | 0.53% |

Sequence No.: 34

Sample ID: F0981-04B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 113

Date Collected: 8/3/2007 11:53:43 PM

Data Type: Reprocessed on 8/6/2007 8:18:11 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-04B,31386

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Ag 328.068 | -279.2 | -0.0683 mg/L | 0.00078 | -0.0683 mg/L | 0.00078 | 1.14% |

| | | | | | | | |
|----|---------|------------|--------------|---------|--------------|---------|--------|
| Al | 308.215 | 5456431.0 | 146.75 mg/L | 1.842 | 146.75 mg/L | 1.842 | 1.25% |
| As | 188.979 | 54.4 | 0.0630 mg/L | 0.00296 | 0.0630 mg/L | 0.00296 | 4.70% |
| Ba | 233.527 | 322085.6 | 2.9844 mg/L | 0.01281 | 2.9844 mg/L | 0.01281 | 0.43% |
| Be | 313.107 | 14284.1 | 0.0081 mg/L | 0.00003 | 0.0081 mg/L | 0.00003 | 0.38% |
| Co | 228.616 | 4155.0 | 0.1438 mg/L | 0.00006 | 0.1438 mg/L | 0.00006 | 0.04% |
| Cr | 267.716 | 13356.5 | 0.2382 mg/L | 0.00079 | 0.2382 mg/L | 0.00079 | 0.33% |
| Cu | 324.752 | 189735.8 | 0.5795 mg/L | 0.00209 | 0.5795 mg/L | 0.00209 | 0.36% |
| Fe | 273.955 | 12669754.0 | 328.98 mg/L | 3.766 | 328.98 mg/L | 3.766 | 1.14% |
| Mg | 279.077 | 3532085.8 | 126.02 mg/L | 0.614 | 126.02 mg/L | 0.614 | 0.49% |
| Mn | 257.610 | 4871702.0 | 6.9955 mg/L | 0.06780 | 6.9955 mg/L | 0.06780 | 0.97% |
| Ni | 231.604 | 7021.3 | 0.3071 mg/L | 0.00027 | 0.3071 mg/L | 0.00027 | 0.09% |
| Pb | 220.353 | 11679.0 | 2.0883 mg/L | 0.00327 | 2.0883 mg/L | 0.00327 | 0.16% |
| Sb | 206.836 | -33.8 | -0.0158 mg/L | 0.00209 | -0.0158 mg/L | 0.00209 | 13.19% |
| Se | 196.026 | -47.0 | 0.0466 mg/L | 0.00336 | 0.0466 mg/L | 0.00336 | 7.20% |
| Tl | 190.801 | -26.8 | 0.0697 mg/L | 0.00669 | 0.0697 mg/L | 0.00669 | 9.60% |
| V | 292.402 | 33684.0 | 0.2988 mg/L | 0.00028 | 0.2988 mg/L | 0.00028 | 0.09% |
| Zn | 206.200 | 46515.1 | 1.6801 mg/L | 0.00592 | 1.6801 mg/L | 0.00592 | 0.35% |
| Na | 330.237 | 5054.2 | 3.6664 mg/L | 0.06953 | 3.6664 mg/L | 0.06953 | 1.90% |
| Cd | 226.502 | 1365.7 | 0.0077 mg/L | 0.00014 | 0.0077 mg/L | 0.00014 | 1.84% |
| Ti | 334.940 | 1461665.4 | 1.4794 mg/L | 0.00377 | 1.4794 mg/L | 0.00377 | 0.25% |
| Ca | 227.546 | 47389.2 | 156.73 mg/L | 0.821 | 156.73 mg/L | 0.821 | 0.52% |

Sequence No.: 35

Sample ID: F0981-05B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 114

Date Collected: 8/3/2007 11:57:01 PM

Data Type: Reprocessed on 8/6/2007 8:18:11 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-05B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|---------|----------------|-------------|--------------|----------|--------------|----------|-------|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag | 328.068 | -116.1 | -0.0803 mg/L | 0.00067 | -0.0803 mg/L | 0.00067 | 0.84% |
| Al | 308.215 | 5104369.5 | 137.28 mg/L | 0.120 | 137.28 mg/L | 0.120 | 0.09% |
| As | 188.979 | 44.0 | 0.0492 mg/L | 0.00293 | 0.0492 mg/L | 0.00293 | 5.96% |
| Ba | 233.527 | 132808.9 | 1.2293 mg/L | 0.00594 | 1.2293 mg/L | 0.00594 | 0.48% |
| Be | 313.107 | 17378.2 | 0.0084 mg/L | 0.00012 | 0.0084 mg/L | 0.00012 | 1.39% |
| Co | 228.616 | 4022.0 | 0.1323 mg/L | 0.00061 | 0.1323 mg/L | 0.00061 | 0.46% |
| Cr | 267.716 | 12537.6 | 0.2200 mg/L | 0.00228 | 0.2200 mg/L | 0.00228 | 1.04% |
| Cu | 324.752 | 175290.5 | 0.5315 mg/L | 0.00264 | 0.5315 mg/L | 0.00264 | 0.50% |
| Fe | 273.955 | 13423379.8 | 347.83 mg/L | 0.010 | 347.83 mg/L | 0.010 | 0.00% |
| Mg | 279.077 | 1702285.5 | 60.737 mg/L | 0.4266 | 60.737 mg/L | 0.4266 | 0.70% |
| Mn | 257.610 | 7664024.5 | 11.005 mg/L | 0.0268 | 11.005 mg/L | 0.0268 | 0.24% |
| Ni | 231.604 | 6991.7 | 0.3030 mg/L | 0.00279 | 0.3030 mg/L | 0.00279 | 0.92% |
| Pb | 220.353 | 8882.2 | 1.5876 mg/L | 0.00539 | 1.5876 mg/L | 0.00539 | 0.34% |
| Sb | 206.836 | -31.4 | -0.0159 mg/L | 0.00095 | -0.0159 mg/L | 0.00095 | 5.94% |
| Se | 196.026 | -50.4 | 0.0551 mg/L | 0.00416 | 0.0551 mg/L | 0.00416 | 7.55% |
| Tl | 190.801 | -23.0 | 0.0822 mg/L | 0.00176 | 0.0822 mg/L | 0.00176 | 2.15% |
| V | 292.402 | 30411.7 | 0.2711 mg/L | 0.00516 | 0.2711 mg/L | 0.00516 | 1.90% |
| Zn | 206.200 | 40565.3 | 1.4652 mg/L | 0.01668 | 1.4652 mg/L | 0.01668 | 1.14% |
| Na | 330.237 | 3517.3 | 2.8410 mg/L | 0.07182 | 2.8410 mg/L | 0.07182 | 2.53% |
| Cd | 226.502 | 1444.1 | 0.0081 mg/L | 0.00021 | 0.0081 mg/L | 0.00021 | 2.53% |
| Ti | 334.940 | 1016544.5 | 1.0280 mg/L | 0.01209 | 1.0280 mg/L | 0.01209 | 1.18% |
| Ca | 227.546 | 10534.6 | 29.005 mg/L | 0.0370 | 29.005 mg/L | 0.0370 | 0.13% |

Sequence No.: 36

Sample ID: F0981-07B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 115

Date Collected: 8/4/2007 12:00:18 AM

Data Type: Reprocessed on 8/6/2007 8:18:12 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-07B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|---------|----------------|-------------|--------------|----------|--------------|----------|-------|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag | 328.068 | 566.3 | -0.0389 mg/L | 0.00013 | -0.0389 mg/L | 0.00013 | 0.34% |
| Al | 308.215 | 3244500.1 | 87.258 mg/L | 0.0614 | 87.258 mg/L | 0.0614 | 0.07% |

| | | | | | | |
|------------|-----------|-------------|---------|-------------|---------|--------|
| As 188.979 | 90.1 | 0.1005 mg/L | 0.00007 | 0.1005 mg/L | 0.00007 | 0.07% |
| Ba 233.527 | 291496.2 | 2.7015 mg/L | 0.00380 | 2.7015 mg/L | 0.00380 | 0.14% |
| Be 313.107 | 10138.4 | 0.0063 mg/L | 0.00001 | 0.0063 mg/L | 0.00001 | 0.12% |
| Co 228.616 | 2513.1 | 0.0866 mg/L | 0.00039 | 0.0866 mg/L | 0.00039 | 0.45% |
| Cr 267.716 | 9190.1 | 0.1647 mg/L | 0.00056 | 0.1647 mg/L | 0.00056 | 0.34% |
| Cu 324.752 | 357606.6 | 1.0905 mg/L | 0.00524 | 1.0905 mg/L | 0.00524 | 0.48% |
| Fe 273.955 | 8134300.2 | 211.18 mg/L | 0.407 | 211.18 mg/L | 0.407 | 0.19% |
| Mg 279.077 | 1087585.6 | 38.774 mg/L | 0.0643 | 38.774 mg/L | 0.0643 | 0.17% |
| Mn 257.610 | 2764280.4 | 3.9694 mg/L | 0.00500 | 3.9694 mg/L | 0.00500 | 0.13% |
| Ni 231.604 | 7005.6 | 0.3041 mg/L | 0.00111 | 0.3041 mg/L | 0.00111 | 0.37% |
| Pb 220.353 | 26599.8 | 4.7409 mg/L | 0.01247 | 4.7409 mg/L | 0.01247 | 0.26% |
| Sb 206.836 | -1.8 | 0.0071 mg/L | 0.00457 | 0.0071 mg/L | 0.00457 | 64.06% |
| Se 196.026 | -18.9 | 0.0442 mg/L | 0.00102 | 0.0442 mg/L | 0.00102 | 2.30% |
| Tl 190.801 | -15.4 | 0.0451 mg/L | 0.00205 | 0.0451 mg/L | 0.00205 | 4.55% |
| V 292.402 | 28758.1 | 0.2537 mg/L | 0.00021 | 0.2537 mg/L | 0.00021 | 0.08% |
| Zn 206.200 | 265421.1 | 9.5869 mg/L | 0.00166 | 9.5869 mg/L | 0.00166 | 0.02% |
| Na 330.237 | 13765.0 | 9.3103 mg/L | 0.10924 | 9.3103 mg/L | 0.10924 | 1.17% |
| Cd 226.502 | 1362.2 | 0.0141 mg/L | 0.00007 | 0.0141 mg/L | 0.00007 | 0.46% |
| Ti 334.940 | 1351606.6 | 1.3676 mg/L | 0.00019 | 1.3676 mg/L | 0.00019 | 0.01% |
| Ca 227.546 | 33423.0 | 110.98 mg/L | 0.020 | 110.98 mg/L | 0.020 | 0.02% |

Sequence No.: 37

Sample ID: F0981-08B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 116

Date Collected: 8/4/2007 12:03:33 AM

Data Type: Reprocessed on 8/6/2007 8:18:12 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-08B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------------|---------|----------|--------------|----------|-------|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | -425.1 | -0.0708 mg/L | 0.00030 | | -0.0708 mg/L | 0.00030 | 0.43% |
| Al 308.215 | 6019395.0 | 161.89 mg/L | 0.311 | | 161.89 mg/L | 0.311 | 0.19% |
| As 188.979 | 69.3 | 0.0789 mg/L | 0.00099 | | 0.0789 mg/L | 0.00099 | 1.26% |
| Ba 233.527 | 98265.8 | 0.9093 mg/L | 0.00321 | | 0.9093 mg/L | 0.00321 | 0.35% |
| Be 313.107 | 16832.3 | 0.0096 mg/L | 0.00010 | | 0.0096 mg/L | 0.00010 | 1.03% |
| Co 228.616 | 5030.6 | 0.1631 mg/L | 0.00061 | | 0.1631 mg/L | 0.00061 | 0.38% |
| Cr 267.716 | 16196.8 | 0.2936 mg/L | 0.00103 | | 0.2936 mg/L | 0.00103 | 0.35% |
| Cu 324.752 | 110848.1 | 0.3353 mg/L | 0.00165 | | 0.3353 mg/L | 0.00165 | 0.49% |
| Fe 273.955 | 10908566.3 | 282.91 mg/L | 0.884 | | 282.91 mg/L | 0.884 | 0.31% |
| Mg 279.077 | 2415200.3 | 86.107 mg/L | 0.4803 | | 86.107 mg/L | 0.4803 | 0.56% |
| Mn 257.610 | 1312636.0 | 1.8849 mg/L | 0.01121 | | 1.8849 mg/L | 0.01121 | 0.59% |
| Ni 231.604 | 9446.7 | 0.4078 mg/L | 0.00133 | | 0.4078 mg/L | 0.00133 | 0.33% |
| Pb 220.353 | 717.0 | 0.1373 mg/L | 0.00017 | | 0.1373 mg/L | 0.00017 | 0.12% |
| Sb 206.836 | -31.0 | -0.0219 mg/L | 0.00024 | | -0.0219 mg/L | 0.00024 | 1.08% |
| Se 196.026 | -45.5 | 0.0473 mg/L | 0.00140 | | 0.0473 mg/L | 0.00140 | 2.96% |
| Tl 190.801 | -28.0 | 0.0483 mg/L | 0.00394 | | 0.0483 mg/L | 0.00394 | 8.17% |
| V 292.402 | 22108.9 | 0.1972 mg/L | 0.00138 | | 0.1972 mg/L | 0.00138 | 0.70% |
| Zn 206.200 | 45112.0 | 1.6289 mg/L | 0.01382 | | 1.6289 mg/L | 0.01382 | 0.85% |
| Na 330.237 | 2587.6 | 2.3672 mg/L | 0.09275 | | 2.3672 mg/L | 0.09275 | 3.92% |
| Cd 226.502 | 1078.5 | 0.0049 mg/L | 0.00030 | | 0.0049 mg/L | 0.00030 | 6.22% |
| Ti 334.940 | 1774482.0 | 1.7939 mg/L | 0.00946 | | 1.7939 mg/L | 0.00946 | 0.53% |
| Ca 227.546 | 5079.2 | 11.507 mg/L | 0.0693 | | 11.507 mg/L | 0.0693 | 0.60% |

Sequence No.: 38

Sample ID: F0981-09B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 117

Date Collected: 8/4/2007 12:06:49 AM

Data Type: Reprocessed on 8/6/2007 8:18:12 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-09B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------------|---------|----------|--------------|----------|-------|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | -96.2 | -0.0547 mg/L | 0.00033 | | -0.0547 mg/L | 0.00033 | 0.60% |
| Al 308.215 | 4041754.4 | 108.70 mg/L | 1.233 | | 108.70 mg/L | 1.233 | 1.13% |
| As 188.979 | 55.8 | 0.0624 mg/L | 0.00288 | | 0.0624 mg/L | 0.00288 | 4.62% |

| | | | | | | | |
|----|---------|-----------|--------------|---------|--------------|---------|--------|
| Ba | 233.527 | 103569.3 | 0.9589 mg/L | 0.00557 | 0.9589 mg/L | 0.00557 | 0.58% |
| Be | 313.107 | 10075.2 | 0.0057 mg/L | 0.00002 | 0.0057 mg/L | 0.00002 | 0.43% |
| Co | 228.616 | 3228.0 | 0.1057 mg/L | 0.00012 | 0.1057 mg/L | 0.00012 | 0.11% |
| Cr | 267.716 | 10953.6 | 0.1963 mg/L | 0.00059 | 0.1963 mg/L | 0.00059 | 0.30% |
| Cu | 324.752 | 108127.0 | 0.3278 mg/L | 0.00303 | 0.3278 mg/L | 0.00303 | 0.92% |
| Fe | 273.955 | 8888688.7 | 230.46 mg/L | 2.164 | 230.46 mg/L | 2.164 | 0.94% |
| Mg | 279.077 | 2134568.2 | 76.142 mg/L | 0.7390 | 76.142 mg/L | 0.7390 | 0.97% |
| Mn | 257.610 | 3013350.2 | 4.3270 mg/L | 0.04327 | 4.3270 mg/L | 0.04327 | 1.00% |
| Ni | 231.604 | 6487.7 | 0.2804 mg/L | 0.00092 | 0.2804 mg/L | 0.00092 | 0.33% |
| Pb | 220.353 | 646.9 | 0.1212 mg/L | 0.00140 | 0.1212 mg/L | 0.00140 | 1.16% |
| Sb | 206.836 | -27.7 | -0.0180 mg/L | 0.00109 | -0.0180 mg/L | 0.00109 | 6.09% |
| Se | 196.026 | -25.5 | 0.0496 mg/L | 0.00585 | 0.0496 mg/L | 0.00585 | 11.80% |
| Tl | 190.801 | -24.2 | 0.0436 mg/L | 0.00201 | 0.0436 mg/L | 0.00201 | 4.60% |
| V | 292.402 | 23962.4 | 0.2126 mg/L | 0.00086 | 0.2126 mg/L | 0.00086 | 0.40% |
| Zn | 206.200 | 24203.4 | 0.8743 mg/L | 0.00474 | 0.8743 mg/L | 0.00474 | 0.54% |
| Na | 330.237 | 2061.1 | 1.7747 mg/L | 0.04127 | 1.7747 mg/L | 0.04127 | 2.33% |
| Cd | 226.502 | 894.6 | 0.0043 mg/L | 0.00013 | 0.0043 mg/L | 0.00013 | 3.04% |
| Ti | 334.940 | 1003153.2 | 1.0143 mg/L | 0.00815 | 1.0143 mg/L | 0.00815 | 0.80% |
| Ca | 227.546 | 7607.9 | 21.372 mg/L | 0.0949 | 21.372 mg/L | 0.0949 | 0.44% |

Sequence No.: 39

Sample ID: F0981-10B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 118

Date Collected: 8/4/2007 12:10:04 AM

Data Type: Reprocessed on 8/6/2007 8:18:13 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-10B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|---------|----------------|------------|--------------|----------|--------------|----------|--------|
| | Intensity | Conc. | | | Units | Std.Dev. | |
| Ag | 328.068 | -341.2 | -0.0960 mg/L | 0.00008 | -0.0960 mg/L | 0.00008 | 0.08% |
| Al | 308.215 | 7978178.3 | 214.57 mg/L | 0.763 | 214.57 mg/L | 0.763 | 0.36% |
| As | 188.979 | 5.7 | 0.0128 mg/L | 0.00136 | 0.0128 mg/L | 0.00136 | 10.64% |
| Ba | 233.527 | 189658.1 | 1.7561 mg/L | 0.01453 | 1.7561 mg/L | 0.01453 | 0.83% |
| Be | 313.107 | 17802.7 | 0.0116 mg/L | 0.00005 | 0.0116 mg/L | 0.00005 | 0.44% |
| Co | 228.616 | 6148.5 | 0.1986 mg/L | 0.00020 | 0.1986 mg/L | 0.00020 | 0.10% |
| Cr | 267.716 | 23924.4 | 0.4335 mg/L | 0.00642 | 0.4335 mg/L | 0.00642 | 1.48% |
| Cu | 324.752 | 133958.4 | 0.4052 mg/L | 0.00339 | 0.4052 mg/L | 0.00339 | 0.84% |
| Fe | 273.955 | 15124472.1 | 392.23 mg/L | 1.230 | 392.23 mg/L | 1.230 | 0.31% |
| Mg | 279.077 | 3094476.0 | 110.32 mg/L | 1.006 | 110.32 mg/L | 1.006 | 0.91% |
| Mn | 257.610 | 2112096.8 | 3.0329 mg/L | 0.02855 | 3.0329 mg/L | 0.02855 | 0.94% |
| Ni | 231.604 | 11657.3 | 0.5035 mg/L | 0.00086 | 0.5035 mg/L | 0.00086 | 0.17% |
| Pb | 220.353 | 891.0 | 0.1715 mg/L | 0.00072 | 0.1715 mg/L | 0.00072 | 0.42% |
| Sb | 206.836 | -44.0 | -0.0314 mg/L | 0.00121 | -0.0314 mg/L | 0.00121 | 3.86% |
| Se | 196.026 | -62.5 | 0.0648 mg/L | 0.00485 | 0.0648 mg/L | 0.00485 | 7.48% |
| Tl | 190.801 | -39.5 | 0.0674 mg/L | 0.00162 | 0.0674 mg/L | 0.00162 | 2.41% |
| V | 292.402 | 35074.1 | 0.3119 mg/L | 0.00214 | 0.3119 mg/L | 0.00214 | 0.69% |
| Zn | 206.200 | 25835.0 | 0.9326 mg/L | 0.00830 | 0.9326 mg/L | 0.00830 | 0.89% |
| Na | 330.237 | 2570.6 | 2.6311 mg/L | 0.01980 | 2.6311 mg/L | 0.01980 | 0.75% |
| Cd | 226.502 | 1374.1 | 0.0045 mg/L | 0.00005 | 0.0045 mg/L | 0.00005 | 1.20% |
| Ti | 334.940 | 2631425.3 | 2.6603 mg/L | 0.00822 | 2.6603 mg/L | 0.00822 | 0.31% |
| Ca | 227.546 | 10353.4 | 27.399 mg/L | 0.0139 | 27.399 mg/L | 0.0139 | 0.05% |

Sequence No.: 40

Sample ID: F0981-11B,31386

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 119

Date Collected: 8/4/2007 12:13:22 AM

Data Type: Reprocessed on 8/6/2007 8:18:13 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-11B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|---------|----------------|-----------|--------------|----------|--------------|----------|--------|
| | Intensity | Conc. | | | Units | Std.Dev. | |
| Ag | 328.068 | -291.9 | -0.0657 mg/L | 0.00006 | -0.0657 mg/L | 0.00006 | 0.09% |
| Al | 308.215 | 5498817.7 | 147.89 mg/L | 0.168 | 147.89 mg/L | 0.168 | 0.11% |
| As | 188.979 | 18.3 | 0.0231 mg/L | 0.00468 | 0.0231 mg/L | 0.00468 | 20.24% |
| Ba | 233.527 | 163262.4 | 1.5121 mg/L | 0.00688 | 1.5121 mg/L | 0.00688 | 0.46% |

| | | | | | | |
|------------|------------|--------------|---------|--------------|---------|-------|
| Be 313.107 | 13302.8 | 0.0078 mg/L | 0.00002 | 0.0078 mg/L | 0.00002 | 0.22% |
| Co 228.616 | 3851.6 | 0.1250 mg/L | 0.00007 | 0.1250 mg/L | 0.00007 | 0.06% |
| Cr 267.716 | 12947.2 | 0.2323 mg/L | 0.00021 | 0.2323 mg/L | 0.00021 | 0.09% |
| Cu 324.752 | 84164.4 | 0.2544 mg/L | 0.00120 | 0.2544 mg/L | 0.00120 | 0.47% |
| Fe 273.955 | 10437469.2 | 270.67 mg/L | 0.258 | 270.67 mg/L | 0.258 | 0.10% |
| Mg 279.077 | 1650491.2 | 58.845 mg/L | 0.2900 | 58.845 mg/L | 0.2900 | 0.49% |
| Mn 257.610 | 3025954.1 | 4.3451 mg/L | 0.00419 | 4.3451 mg/L | 0.00419 | 0.10% |
| Ni 231.604 | 6274.9 | 0.2720 mg/L | 0.00008 | 0.2720 mg/L | 0.00008 | 0.03% |
| Pb 220.353 | 714.7 | 0.1356 mg/L | 0.00065 | 0.1356 mg/L | 0.00065 | 0.48% |
| Sb 206.836 | -29.8 | -0.0192 mg/L | 0.00116 | -0.0192 mg/L | 0.00116 | 6.05% |
| Se 196.026 | -38.7 | 0.0484 mg/L | 0.00420 | 0.0484 mg/L | 0.00420 | 8.69% |
| Tl 190.801 | -22.6 | 0.0524 mg/L | 0.00008 | 0.0524 mg/L | 0.00008 | 0.16% |
| V 292.402 | 24508.7 | 0.2180 mg/L | 0.00073 | 0.2180 mg/L | 0.00073 | 0.33% |
| Zn 206.200 | 20991.1 | 0.7575 mg/L | 0.00013 | 0.7575 mg/L | 0.00013 | 0.02% |
| Na 330.237 | 2051.3 | 1.9199 mg/L | 0.00252 | 1.9199 mg/L | 0.00252 | 0.13% |
| Cd 226.502 | 910.2 | 0.0023 mg/L | 0.00002 | 0.0023 mg/L | 0.00002 | 0.64% |
| Ti 334.940 | 1484728.8 | 1.5011 mg/L | 0.00465 | 1.5011 mg/L | 0.00465 | 0.31% |
| Ca 227.546 | 7684.2 | 20.785 mg/L | 0.0434 | 20.785 mg/L | 0.0434 | 0.21% |

Sequence No.: 41
 Sample ID: F0981-11BDUP,31386
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 120
 Date Collected: 8/4/2007 12:16:39 AM
 Data Type: Reprocessed on 8/6/2007 8:18:14 AM
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0981-11BDUP,31386

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Ag 328.068 | -212.8 | -0.0636 mg/L | 0.00011 | -0.0636 mg/L | 0.00011 | 0.18% |
| Al 308.215 | 5366449.1 | 144.33 mg/L | 0.623 | 144.33 mg/L | 0.623 | 0.43% |
| As 188.979 | 33.3 | 0.0386 mg/L | 0.00813 | 0.0386 mg/L | 0.00813 | 21.03% |
| Ba 233.527 | 194437.9 | 1.8012 mg/L | 0.00304 | 1.8012 mg/L | 0.00304 | 0.17% |
| Be 313.107 | 12371.7 | 0.0074 mg/L | 0.00002 | 0.0074 mg/L | 0.00002 | 0.25% |
| Co 228.616 | 3744.4 | 0.1211 mg/L | 0.00010 | 0.1211 mg/L | 0.00010 | 0.08% |
| Cr 267.716 | 11056.4 | 0.1973 mg/L | 0.00148 | 0.1973 mg/L | 0.00148 | 0.75% |
| Cu 324.752 | 82160.2 | 0.2482 mg/L | 0.00054 | 0.2482 mg/L | 0.00054 | 0.22% |
| Fe 273.955 | 10137912.1 | 262.87 mg/L | 0.888 | 262.87 mg/L | 0.888 | 0.34% |
| Mg 279.077 | 1228359.6 | 43.788 mg/L | 0.0180 | 43.788 mg/L | 0.0180 | 0.04% |
| Mn 257.610 | 3489088.0 | 5.0102 mg/L | 0.01080 | 5.0102 mg/L | 0.01080 | 0.22% |
| Ni 231.604 | 5716.1 | 0.2479 mg/L | 0.00108 | 0.2479 mg/L | 0.00108 | 0.44% |
| Pb 220.353 | 736.7 | 0.1391 mg/L | 0.00015 | 0.1391 mg/L | 0.00015 | 0.11% |
| Sb 206.836 | -27.9 | -0.0168 mg/L | 0.00379 | -0.0168 mg/L | 0.00379 | 22.56% |
| Se 196.026 | -36.5 | 0.0481 mg/L | 0.00301 | 0.0481 mg/L | 0.00301 | 6.26% |
| Tl 190.801 | -19.3 | 0.0535 mg/L | 0.00105 | 0.0535 mg/L | 0.00105 | 1.96% |
| V 292.402 | 24938.7 | 0.2216 mg/L | 0.00136 | 0.2216 mg/L | 0.00136 | 0.62% |
| Zn 206.200 | 18974.2 | 0.6844 mg/L | 0.00063 | 0.6844 mg/L | 0.00063 | 0.09% |
| Na 330.237 | 1906.3 | 1.8250 mg/L | 0.03404 | 1.8250 mg/L | 0.03404 | 1.87% |
| Cd 226.502 | 894.0 | 0.0025 mg/L | 0.00005 | 0.0025 mg/L | 0.00005 | 1.88% |
| Ti 334.940 | 1469974.9 | 1.4861 mg/L | 0.00574 | 1.4861 mg/L | 0.00574 | 0.39% |
| Ca 227.546 | 6007.1 | 15.161 mg/L | 0.0318 | 15.161 mg/L | 0.0318 | 0.21% |

Sequence No.: 42
 Sample ID: F0981-11BMS,31386
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 12
 Date Collected: 8/4/2007 12:19:56 AM
 Data Type: Reprocessed on 8/6/2007 8:18:14 AM
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0981-11BMS,31386

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Ag 328.068 | 13743.1 | 0.0270 mg/L ✗ | 0.00026 | 0.0270 mg/L | 0.00026 | 0.95% |
| Al 308.215 | 5317291.4 | 143.00 mg/L | 0.941 | 143.00 mg/L | 0.941 | 0.66% |
| As 188.979 | 81.1 | 0.0963 mg/L ✓ | 0.00467 | 0.0963 mg/L | 0.00467 | 4.86% |
| Ba 233.527 | 587082.5 | 5.4432 mg/L ✓ | 0.04173 | 5.4432 mg/L | 0.04173 | 0.77% |
| Be 313.107 | 262236.1 | 0.1015 mg/L ✓ | 0.00009 | 0.1015 mg/L | 0.00009 | 0.09% |

| | | | | | | |
|------------|-----------|---------------|---------|-------------|---------|-------|
| Co 228.616 | 32970.3 | 1.1039 mg/L ✓ | 0.00350 | 1.1039 mg/L | 0.00350 | 0.32% |
| Cr 267.716 | 33226.8 | 0.6013 mg/L ✓ | 0.00253 | 0.6013 mg/L | 0.00253 | 0.42% |
| Cu 324.752 | 227382.4 | 0.6910 mg/L ✓ | 0.00369 | 0.6910 mg/L | 0.00369 | 0.53% |
| Fe 273.955 | 8810439.1 | 228.57 mg/L | 1.361 | 228.57 mg/L | 1.361 | 0.60% |
| Mg 279.077 | 1417981.3 | 50.563 mg/L | 0.3266 | 50.563 mg/L | 0.3266 | 0.65% |
| Mn 257.610 | 2901383.2 | 4.1663 mg/L | 0.01393 | 4.1663 mg/L | 0.01393 | 0.33% |
| Ni 231.604 | 28307.4 | 1.2163 mg/L ✓ | 0.00691 | 1.2163 mg/L | 0.00691 | 0.57% |
| Pb 220.353 | 738.0 | 0.1395 mg/L ✓ | 0.00061 | 0.1395 mg/L | 0.00061 | 0.44% |
| Sb 206.836 | 51.3 | 0.0357 mg/L ✓ | 0.00057 | 0.0357 mg/L | 0.00057 | 1.61% |
| Se 196.026 | 36.1 | 0.1301 mg/L ✓ | 0.00040 | 0.1301 mg/L | 0.00040 | 0.31% |
| Tl 190.801 | 118.4 | 0.1393 mg/L ✓ | 0.00102 | 0.1393 mg/L | 0.00102 | 0.73% |
| V 292.402 | 132112.2 | 1.1525 mg/L ✓ | 0.00007 | 1.1525 mg/L | 0.00007 | 0.01% |
| Zn 206.200 | 45170.4 | 1.6327 mg/L ✓ | 0.00272 | 1.6327 mg/L | 0.00272 | 0.17% |
| Na 330.237 | 2905.6 | 2.3740 mg/L | 0.01586 | 2.3740 mg/L | 0.01586 | 0.67% |
| Cd 226.502 | 5816.4 | 0.0971 mg/L ✓ | 0.00053 | 0.0971 mg/L | 0.00053 | 0.54% |
| Ti 334.940 | 1224754.9 | 1.2382 mg/L | 0.00288 | 1.2382 mg/L | 0.00288 | 0.23% |
| Ca 227.546 | 6706.7 | 18.241 mg/L | 0.0576 | 18.241 mg/L | 0.0576 | 0.32% |

Sequence No.: 43

Sample ID: CCV

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/4/2007 12:23:12 AM

Data Type: Reprocessed on 8/6/2007 8:18:15 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------|----------|--------------------|----------|-------|
| Ag 328.068 | 180940.3 | 1.1936 mg/L | 0.01878 | 1.1936 mg/L | 0.01878 | 1.57% |
| Al 308.215 | 363448.8 | 9.7547 mg/L | 0.02007 | 9.7547 mg/L | 0.02007 | 0.21% |
| As 188.979 | 462.7 | 0.5126 mg/L | 0.00181 | 0.5126 mg/L | 0.00181 | 0.35% |
| Ba 233.527 | 1146754.6 | 10.636 mg/L | 0.0604 | 10.636 mg/L | 0.0604 | 0.57% |
| Be 313.107 | 674141.8 | 0.2551 mg/L | 0.00088 | 0.2551 mg/L | 0.00088 | 0.35% |
| Co 228.616 | 76292.8 | 2.5642 mg/L | 0.00997 | 2.5642 mg/L | 0.00997 | 0.39% |
| Cr 267.716 | 56158.7 | 1.0199 mg/L | 0.01621 | 1.0199 mg/L | 0.01621 | 1.59% |
| Cu 324.752 | 412485.2 | 1.2571 mg/L | 0.00763 | 1.2571 mg/L | 0.00763 | 0.61% |
| Fe 273.955 | 199735.2 | 5.3381 mg/L | 0.00903 | 5.3381 mg/L | 0.00903 | 0.17% |
| Mg 279.077 | 717998.9 | 25.660 mg/L | 0.1471 | 25.660 mg/L | 0.1471 | 0.57% |
| Mn 257.610 | 1800877.6 | 2.5860 mg/L | 0.01254 | 2.5860 mg/L | 0.01254 | 0.48% |
| Ni 231.604 | 59833.3 | 2.5651 mg/L | 0.03609 | 2.5651 mg/L | 0.03609 | 1.41% |
| Pb 220.353 | 2855.1 | 0.5089 mg/L | 0.00011 | 0.5089 mg/L | 0.00011 | 0.02% |
| Sb 206.836 | 598.1 | 0.4744 mg/L | 0.00395 | 0.4744 mg/L | 0.00395 | 0.83% |
| Se 196.026 | 390.5 | 0.5034 mg/L | 0.00146 | 0.5034 mg/L | 0.00146 | 0.29% |
| Tl 190.801 | 723.9 | 0.5103 mg/L | 0.00260 | 0.5103 mg/L | 0.00260 | 0.51% |
| V 292.402 | 296201.9 | 2.5746 mg/L | 0.00025 | 2.5746 mg/L | 0.00025 | 0.01% |
| Zn 206.200 | 71884.2 | 2.6019 mg/L | 0.00138 | 2.6019 mg/L | 0.00138 | 0.05% |
| Na 330.237 | 36384.2 | 23.750 mg/L | 0.1348 | 23.750 mg/L | 0.1348 | 0.57% |
| Cd 226.502 | 13435.1 | 0.2527 mg/L | 0.00167 | 0.2527 mg/L | 0.00167 | 0.66% |
| Ti 334.940 | 782.4 | 0.0010 mg/L | 0.00008 | 0.0010 mg/L | 0.00008 | 8.09% |
| Ca 227.546 | 7327.8 | 25.039 mg/L | 0.0984 | 25.039 mg/L | 0.0984 | 0.39% |

Sequence No.: 44

Sample ID: CCB

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/4/2007 12:26:23 AM

Data Type: Reprocessed on 8/6/2007 8:18:15 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected Intensity | Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|--------------|----------|--------------------|----------|---------|
| Ag 328.068 | 31.3 | 0.0002 mg/L | 0.00036 | 0.0002 mg/L | 0.00036 | 169.14% |
| Al 308.215 | 339.3 | 0.0091 mg/L | 0.00277 | 0.0091 mg/L | 0.00277 | 30.42% |
| As 188.979 | -0.6 | -0.0006 mg/L | 0.00019 | -0.0006 mg/L | 0.00019 | 32.34% |
| Ba 233.527 | 145.6 | 0.0013 mg/L | 0.00012 | 0.0013 mg/L | 0.00012 | 8.66% |
| Be 313.107 | 144.9 | 0.0001 mg/L | 0.00000 | 0.0001 mg/L | 0.00000 | 5.61% |
| Co 228.616 | 7.7 | 0.0003 mg/L | 0.00000 | 0.0003 mg/L | 0.00000 | 0.08% |

| | | | | | | |
|------------|-------|--------------|---------|--------------|---------|---------|
| Cr 267.716 | 5.7 | 0.0001 mg/L | 0.00022 | 0.0001 mg/L | 0.00022 | 211.78% |
| Cu 324.752 | 101.6 | 0.0003 mg/L | 0.00015 | 0.0003 mg/L | 0.00015 | 47.05% |
| Fe 273.955 | 826.0 | 0.0216 mg/L | 0.00176 | 0.0216 mg/L | 0.00176 | 8.15% |
| Mg 279.077 | 267.6 | 0.0096 mg/L | 0.00000 | 0.0096 mg/L | 0.00000 | 0.01% |
| Mn 257.610 | 414.9 | 0.0006 mg/L | 0.00004 | 0.0006 mg/L | 0.00004 | 7.13% |
| Ni 231.604 | 11.2 | 0.0005 mg/L | 0.00008 | 0.0005 mg/L | 0.00008 | 16.96% |
| Pb 220.353 | 6.4 | 0.0011 mg/L | 0.00001 | 0.0011 mg/L | 0.00001 | 1.02% |
| Sb 206.836 | 0.6 | 0.0005 mg/L | 0.00044 | 0.0005 mg/L | 0.00044 | 86.85% |
| Se 196.026 | 1.2 | 0.0016 mg/L | 0.00338 | 0.0016 mg/L | 0.00338 | 210.93% |
| Tl 190.801 | -3.6 | -0.0025 mg/L | 0.00053 | -0.0025 mg/L | 0.00053 | 21.23% |
| V 292.402 | 16.3 | 0.0001 mg/L | 0.00024 | 0.0001 mg/L | 0.00024 | 165.54% |
| Zn 206.200 | 57.5 | 0.0021 mg/L | 0.00006 | 0.0021 mg/L | 0.00006 | 2.72% |
| Na 330.237 | -44.8 | -0.0294 mg/L | 0.01930 | -0.0294 mg/L | 0.01930 | 65.61% |
| Cd 226.502 | 1.3 | 0.0000 mg/L | 0.00003 | 0.0000 mg/L | 0.00003 | 127.28% |
| Ti 334.940 | 88.8 | 0.0001 mg/L | 0.00003 | 0.0001 mg/L | 0.00003 | 29.24% |
| Ca 227.546 | 16.2 | 0.0554 mg/L | 0.03616 | 0.0554 mg/L | 0.03616 | 65.32% |

Sequence No.: 45
Sample ID: F0981-11BSD,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 121
Date Collected: 8/4/2007 12:29:29 AM
Data Type: Reprocessed on 8/6/2007 8:18:16 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11BSD,31386

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|--------------|---------|----------|--------------------|----------|--------|
| Ag 328.068 | -68.7 | -0.0152 mg/L | 0.00009 | 0.00009 | -0.0152 mg/L | 0.00009 | 0.57% |
| Al 308.215 | 1149575.9 | 30.917 mg/L | 0.3641 | 0.3641 | 30.917 mg/L | 0.3641 | 1.18% |
| As 188.979 | 3.3 | 0.0042 mg/L | 0.00422 | 0.00422 | 0.0042 mg/L | 0.00422 | 99.86% |
| Ba 233.527 | 35165.9 | 0.3257 mg/L | 0.00025 | 0.00025 | 0.3257 mg/L | 0.00025 | 0.08% |
| Be 313.107 | 2943.0 | 0.0017 mg/L | 0.00002 | 0.00002 | 0.0017 mg/L | 0.00002 | 1.34% |
| Co 228.616 | 853.2 | 0.0277 mg/L | 0.00010 | 0.00010 | 0.0277 mg/L | 0.00010 | 0.34% |
| Cr 267.716 | 2807.8 | 0.0504 mg/L | 0.00029 | 0.00029 | 0.0504 mg/L | 0.00029 | 0.57% |
| Cu 324.752 | 17307.6 | 0.0523 mg/L | 0.00000 | 0.00000 | 0.0523 mg/L | 0.00000 | 0.01% |
| Fe 273.955 | 2407455.2 | 62.413 mg/L | 0.8139 | 0.8139 | 62.413 mg/L | 0.8139 | 1.30% |
| Mg 279.077 | 361998.0 | 12.905 mg/L | 0.0114 | 0.0114 | 12.905 mg/L | 0.0114 | 0.09% |
| Mn 257.610 | 666367.5 | 0.9569 mg/L | 0.01252 | 0.01252 | 0.9569 mg/L | 0.01252 | 1.31% |
| Ni 231.604 | 1407.0 | 0.0609 mg/L | 0.00002 | 0.00002 | 0.0609 mg/L | 0.00002 | 0.04% |
| Pb 220.353 | 161.5 | 0.0305 mg/L | 0.00082 | 0.00082 | 0.0305 mg/L | 0.00082 | 2.68% |
| Sb 206.836 | -8.1 | -0.0053 mg/L | 0.00162 | 0.00162 | -0.0053 mg/L | 0.00162 | 30.34% |
| Se 196.026 | -8.3 | 0.0120 mg/L | 0.00202 | 0.00202 | 0.0120 mg/L | 0.00202 | 16.83% |
| Tl 190.801 | -10.2 | 0.0088 mg/L | 0.00289 | 0.00289 | 0.0088 mg/L | 0.00289 | 32.84% |
| V 292.402 | 5202.0 | 0.0464 mg/L | 0.00005 | 0.00005 | 0.0464 mg/L | 0.00005 | 0.11% |
| Zn 206.200 | 4891.4 | 0.1765 mg/L | 0.00049 | 0.00049 | 0.1765 mg/L | 0.00049 | 0.28% |
| Na 330.237 | 538.5 | 0.4812 mg/L | 0.01004 | 0.01004 | 0.4812 mg/L | 0.01004 | 2.09% |
| Cd 226.502 | 192.3 | 0.0002 mg/L | 0.00004 | 0.00004 | 0.0002 mg/L | 0.00004 | 17.39% |
| Ti 334.940 | 318018.5 | 0.3215 mg/L | 0.00440 | 0.00440 | 0.3215 mg/L | 0.00440 | 1.37% |
| Ca 227.546 | 1626.9 | 4.2915 mg/L | 0.00108 | 0.00108 | 4.2915 mg/L | 0.00108 | 0.03% |

Sequence No.: 46
Sample ID: F0981-11BPDS,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 8/4/2007 12:32:43 AM
Data Type: Reprocessed on 8/6/2007 8:18:16 AM

Initial Sample Vol:
Sample Prep Vol:

sb @ 120ppb

Mean Data: F0981-11BPDS,31386

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|--------------|---------|----------|--------------------|----------|--------|
| Ag 328.068 | 565.7 | -0.0577 mg/L | 0.00014 | 0.00014 | -0.0577 mg/L | 0.00014 | 0.25% |
| Al 308.215 | 5167235.0 | 138.97 mg/L | 0.438 | 0.438 | 138.97 mg/L | 0.438 | 0.31% |
| As 188.979 | 35.4 | 0.0416 mg/L | 0.00437 | 0.00437 | 0.0416 mg/L | 0.00437 | 10.50% |
| Ba 233.527 | 152924.6 | 1.4165 mg/L | 0.00093 | 0.00093 | 1.4165 mg/L | 0.00093 | 0.07% |
| Be 313.107 | 38064.1 | 0.0170 mg/L | 0.00001 | 0.00001 | 0.0170 mg/L | 0.00001 | 0.04% |
| Co 228.616 | 6616.8 | 0.2182 mg/L | 0.00111 | 0.00111 | 0.2182 mg/L | 0.00111 | 0.51% |
| Cr 267.716 | 13434.6 | 0.2414 mg/L | 0.00084 | 0.00084 | 0.2414 mg/L | 0.00084 | 0.35% |

| | | | | | | |
|------------|-----------|-------------|---------|-------------|---------|--------|
| Cu 324.752 | 95602.9 | 0.2894 mg/L | 0.00071 | 0.2894 mg/L | 0.00071 | 0.25% |
| Fe 273.955 | 9884388.1 | 256.32 mg/L | 0.480 | 256.32 mg/L | 0.480 | 0.19% |
| Mg 279.077 | 1552444.2 | 55.349 mg/L | 0.0318 | 55.349 mg/L | 0.0318 | 0.06% |
| Mn 257.610 | 2877470.9 | 4.1319 mg/L | 0.00976 | 4.1319 mg/L | 0.00976 | 0.24% |
| Ni 231.604 | 7834.5 | 0.3386 mg/L | 0.00092 | 0.3386 mg/L | 0.00092 | 0.27% |
| Pb 220.353 | 710.5 | 0.1343 mg/L | 0.00033 | 0.1343 mg/L | 0.00033 | 0.25% |
| Sb 206.836 | 122.4 | 0.1083 mg/L | 0.00016 | 0.1083 mg/L | 0.00016 | 0.14% |
| Se 196.026 | -31.5 | 0.0524 mg/L | 0.00657 | 0.0524 mg/L | 0.00657 | 12.54% |
| Tl 190.801 | 7.5 | 0.0699 mg/L | 0.00030 | 0.0699 mg/L | 0.00030 | 0.42% |
| V 292.402 | 34258.3 | 0.3024 mg/L | 0.00065 | 0.3024 mg/L | 0.00065 | 0.22% |
| Zn 206.200 | 20995.9 | 0.7578 mg/L | 0.00153 | 0.7578 mg/L | 0.00153 | 0.20% |
| Na 330.237 | 1997.6 | 1.8508 mg/L | 0.11173 | 1.8508 mg/L | 0.11173 | 6.04% |
| Cd 226.502 | 1377.7 | 0.0119 mg/L | 0.00020 | 0.0119 mg/L | 0.00020 | 1.70% |
| Ti 334.940 | 1393503.3 | 1.4089 mg/L | 0.00498 | 1.4089 mg/L | 0.00498 | 0.35% |
| Ca 227.546 | 7271.4 | 19.658 mg/L | 0.0537 | 19.658 mg/L | 0.0537 | 0.27% |

Sequence No.: 47
 Sample ID: F0936-12B,31385
 Analyst: *50K Fe*
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 26
 Date Collected: 8/4/2007 12:36:00 AM
 Data Type: Reprocessed on 8/6/2007 8:18:17 AM

Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0936-12B,31385

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Ag 328.068 | 509.4 | -0.0270 | mg/L | 0.00015 | -0.0270 | mg/L | 0.54% |
| Al 308.215 | 2326383.6 | 62.566 | mg/L | 0.1651 | 62.566 | mg/L | 0.26% |
| As 188.979 | 2.4 | 0.0045 | mg/L | 0.00036 | 0.0045 | mg/L | 8.03% |
| Ba 233.527 | 35041.4 | 0.3241 | mg/L | 0.00087 | 0.3241 | mg/L | 0.27% |
| Be 313.107 | 13656.8 | 0.0052 | mg/L | 0.00000 | 0.0052 | mg/L | 0.02% |
| Co 228.616 | 2002.8 | 0.0692 | mg/L | 0.00003 | 0.0692 | mg/L | 0.04% |
| Cr 267.716 | 6633.5 | 0.1190 | mg/L | 0.00104 | 0.1190 | mg/L | 0.87% |
| Cu 324.752 | 371424.7 | 1.1312 | mg/L | 0.00372 | 1.1312 | mg/L | 0.33% |
| Fe 273.955 | 5412465.2 | 140.40 | mg/L | 0.191 | 140.40 | mg/L | 0.14% |
| Mg 279.077 | 571702.1 | 20.375 | mg/L | 0.0269 | 20.375 | mg/L | 0.13% |
| Mn 257.610 | 1827573.5 | 2.6243 | mg/L | 0.00158 | 2.6243 | mg/L | 0.06% |
| Ni 231.604 | 4274.8 | 0.1857 | mg/L | 0.00086 | 0.1857 | mg/L | 0.46% |
| Pb 220.353 | 27029.3 | 4.8155 | mg/L | 0.02771 | 4.8155 | mg/L | 0.58% |
| Sb 206.836 | -17.2 | -0.0111 | mg/L | 0.00101 | -0.0111 | mg/L | 9.12% |
| Se 196.026 | -16.3 | 0.0272 | mg/L | 0.00566 | 0.0272 | mg/L | 20.79% |
| Tl 190.801 | -14.7 | 0.0268 | mg/L | 0.00062 | 0.0268 | mg/L | 2.31% |
| V 292.402 | 15706.4 | 0.1391 | mg/L | 0.00136 | 0.1391 | mg/L | 0.98% |
| Zn 206.200 | 111098.2 | 4.0126 | mg/L | 0.02495 | 4.0126 | mg/L | 0.62% |
| Na 330.237 | 7611.9 | 5.0511 | mg/L | 0.10157 | 5.0511 | mg/L | 2.01% |
| Cd 226.502 | 1162.5 | 0.0142 | mg/L | 0.00010 | 0.0142 | mg/L | 0.67% |
| Ti 334.940 | 23796.2 | 0.0246 | mg/L | 0.00202 | 0.0246 | mg/L | 8.20% |
| Ca 227.546 | 13049.6 | 42.092 | mg/L | 0.0579 | 42.092 | mg/L | 0.14% |

Sequence No.: 48
 Sample ID: F0936-12BDUP,31385
 Analyst: *50K Fe*
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 27
 Date Collected: 8/4/2007 12:39:12 AM
 Data Type: Reprocessed on 8/6/2007 8:18:17 AM

Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0936-12BDUP,31385

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Ag 328.068 | 499.2 | -0.0266 | mg/L | 0.00007 | -0.0266 | mg/L | 0.27% |
| Al 308.215 | 2282025.4 | 61.373 | mg/L | 0.0038 | 61.373 | mg/L | 0.01% |
| As 188.979 | 3.4 | 0.0055 | mg/L | 0.00084 | 0.0055 | mg/L | 15.19% |
| Ba 233.527 | 35940.1 | 0.3324 | mg/L | 0.00100 | 0.3324 | mg/L | 0.30% |
| Be 313.107 | 13658.4 | 0.0052 | mg/L | 0.00002 | 0.0052 | mg/L | 0.30% |
| Co 228.616 | 1984.4 | 0.0687 | mg/L | 0.00005 | 0.0687 | mg/L | 0.07% |
| Cr 267.716 | 6767.3 | 0.1215 | mg/L | 0.00064 | 0.1215 | mg/L | 0.52% |
| Cu 324.752 | 366809.8 | 1.1172 | mg/L | 0.00064 | 1.1172 | mg/L | 0.06% |

| | | | | | | |
|------------|-----------|---------------|---------|--------------|---------|--------|
| Fe 273.955 | 5334588.7 | 138.38 mg/L ✓ | 0.103 | 138.38 mg/L | 0.103 | 0.07% |
| Mg 279.077 | 562225.4 | 20.037 mg/L | 0.0146 | 20.037 mg/L | 0.0146 | 0.07% |
| Mn 257.610 | 1797025.0 | 2.5804 mg/L | 0.00203 | 2.5804 mg/L | 0.00203 | 0.08% |
| Ni 231.604 | 4233.2 | 0.1839 mg/L | 0.00050 | 0.1839 mg/L | 0.00050 | 0.27% |
| Pb 220.353 | 26956.3 | 4.8024 mg/L | 0.01515 | 4.8024 mg/L | 0.01515 | 0.32% |
| Sb 206.836 | -16.5 | -0.0107 mg/L | 0.00028 | -0.0107 mg/L | 0.00028 | 2.61% |
| Se 196.026 | -10.9 | 0.0335 mg/L | 0.00497 | 0.0335 mg/L | 0.00497 | 14.84% |
| Tl 190.801 | -11.9 | 0.0282 mg/L | 0.00021 | 0.0282 mg/L | 0.00021 | 0.74% |
| V 292.402 | 15324.7 | 0.1357 mg/L | 0.00030 | 0.1357 mg/L | 0.00030 | 0.22% |
| Zn 206.200 | 110493.9 | 3.9908 mg/L | 0.01055 | 3.9908 mg/L | 0.01055 | 0.26% |
| Na 330.237 | 7608.6 | 5.0435 mg/L | 0.01283 | 5.0435 mg/L | 0.01283 | 0.25% |
| Cd 226.502 | 1164.3 | 0.0143 mg/L | 0.00008 | 0.0143 mg/L | 0.00008 | 0.58% |
| Ti 334.940 | 6720.9 | 0.0073 mg/L | 0.00002 | 0.0073 mg/L | 0.00002 | 0.24% |
| Ca 227.546 | 12950.8 | 41.793 mg/L | 0.0146 | 41.793 mg/L | 0.0146 | 0.04% |

Sequence No.: 49

Sample ID: F0936-12BMS,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 28

Date Collected: 8/4/2007 12:42:24 AM

Data Type: Reprocessed on 8/6/2007 8:18:18 AM

Initial Sample Vol:

Sample Prep Vol:

50x Fe

Mean Data: F0936-12BMS,31385

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|---------------|---------|--------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | 768.4 | -0.0124 mg/L | 0.00015 | -0.0124 mg/L | 0.00015 | 1.19% | |
| Al 308.215 | 2266691.2 | 60.962 mg/L | 0.3375 | 60.962 mg/L | 0.3375 | 0.55% | |
| As 188.979 | -0.7 | 0.0015 mg/L | 0.00016 | 0.0015 mg/L | 0.00016 | 10.92% | |
| Ba 233.527 | 75996.3 | 0.7040 mg/L | 0.00117 | 0.7040 mg/L | 0.00117 | 0.17% | |
| Be 313.107 | 16801.8 | 0.0064 mg/L | 0.00004 | 0.0064 mg/L | 0.00004 | 0.68% | |
| Co 228.616 | 2384.9 | 0.0824 mg/L | 0.00007 | 0.0824 mg/L | 0.00007 | 0.08% | |
| Cr 267.716 | 6702.6 | 0.1196 mg/L | 0.00025 | 0.1196 mg/L | 0.00025 | 0.21% | |
| Cu 324.752 | 381284.3 | 1.1617 mg/L | 0.00653 | 1.1617 mg/L | 0.00653 | 0.56% | |
| Fe 273.955 | 3621133.0 | 94.099 mg/L ✓ | 0.4703 | 94.099 mg/L | 0.4703 | 0.50% | |
| Mg 279.077 | 566025.3 | 20.193 mg/L | 0.1231 | 20.193 mg/L | 0.1231 | 0.61% | |
| Mn 257.610 | 1811663.8 | 2.6015 mg/L | 0.01610 | 2.6015 mg/L | 0.01610 | 0.62% | |
| Ni 231.604 | 4760.3 | 0.2065 mg/L | 0.00014 | 0.2065 mg/L | 0.00014 | 0.07% | |
| Pb 220.353 | 26862.0 | 4.7856 mg/L | 0.02497 | 4.7856 mg/L | 0.02497 | 0.52% | |
| Sb 206.836 | -9.6 | -0.0072 mg/L | 0.00441 | -0.0072 mg/L | 0.00441 | 61.33% | |
| Se 196.026 | -4.7 | 0.0250 mg/L | 0.00558 | 0.0250 mg/L | 0.00558 | 22.30% | |
| Tl 190.801 | -8.8 | 0.0184 mg/L | 0.00073 | 0.0184 mg/L | 0.00073 | 3.97% | |
| V 292.402 | -215.5 | 0.0000 mg/L | 0.00000 | 0.0000 mg/L | 0.00000 | 10.94% | |
| Zn 206.200 | 111711.0 | 4.0348 mg/L | 0.01759 | 4.0348 mg/L | 0.01759 | 0.44% | |
| Na 330.237 | 7650.0 | 5.0195 mg/L | 0.03716 | 5.0195 mg/L | 0.03716 | 0.74% | |
| Cd 226.502 | 1127.2 | 0.0161 mg/L | 0.00009 | 0.0161 mg/L | 0.00009 | 0.53% | |
| Ti 334.940 | 3383.6 | 0.0039 mg/L | 0.00010 | 0.0039 mg/L | 0.00010 | 2.60% | |
| Ca 227.546 | 13147.2 | 43.418 mg/L | 0.2260 | 43.418 mg/L | 0.2260 | 0.52% | |

Sequence No.: 50

Sample ID: F0936-12BSD,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 29

Date Collected: 8/4/2007 12:45:35 AM

Data Type: Reprocessed on 8/6/2007 8:18:18 AM

Initial Sample Vol:

Sample Prep Vol:

250x Fe

Mean Data: F0936-12BSD,31385

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|---------------|---------|--------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | 103.8 | -0.0058 mg/L | 0.00017 | -0.0058 mg/L | 0.00017 | 2.98% | |
| Al 308.215 | 450922.9 | 12.127 mg/L | 0.0352 | 12.127 mg/L | 0.0352 | 0.29% | |
| As 188.979 | 1.5 | 0.0019 mg/L | 0.00021 | 0.0019 mg/L | 0.00021 | 10.64% | |
| Ba 233.527 | 7278.3 | 0.0673 mg/L | 0.00110 | 0.0673 mg/L | 0.00110 | 1.63% | |
| Be 313.107 | 2819.9 | 0.0011 mg/L | 0.00000 | 0.0011 mg/L | 0.00000 | 0.30% | |
| Co 228.616 | 416.1 | 0.0144 mg/L | 0.00012 | 0.0144 mg/L | 0.00012 | 0.80% | |
| Cr 267.716 | 1354.3 | 0.0243 mg/L | 0.00016 | 0.0243 mg/L | 0.00016 | 0.67% | |
| Cu 324.752 | 72606.4 | 0.2211 mg/L | 0.00211 | 0.2211 mg/L | 0.00211 | 0.95% | |
| Fe 273.955 | 1143116.2 | 29.646 mg/L ✓ | 0.0823 | 29.646 mg/L | 0.0823 | 0.28% | |

| | | | | | | |
|------------|----------|--------------|---------|--------------|---------|--------|
| Mg 279.077 | 118850.0 | 4.2355 mg/L | 0.03573 | 4.2355 mg/L | 0.03573 | 0.84% |
| Mn 257.610 | 378932.5 | 0.5441 mg/L | 0.00155 | 0.5441 mg/L | 0.00155 | 0.28% |
| Ni 231.604 | 891.3 | 0.0387 mg/L | 0.00038 | 0.0387 mg/L | 0.00038 | 0.98% |
| Pb 220.353 | 5714.2 | 1.0180 mg/L | 0.00439 | 1.0180 mg/L | 0.00439 | 0.43% |
| Sb 206.836 | -4.4 | -0.0030 mg/L | 0.00285 | -0.0030 mg/L | 0.00285 | 96.44% |
| Se 196.026 | -2.4 | 0.0072 mg/L | 0.00051 | 0.0072 mg/L | 0.00051 | 7.19% |
| Tl 190.801 | -5.6 | 0.0040 mg/L | 0.00032 | 0.0040 mg/L | 0.00032 | 8.00% |
| V 292.402 | 3178.1 | 0.0282 mg/L | 0.00012 | 0.0282 mg/L | 0.00012 | 0.43% |
| Zn 206.200 | 23776.8 | 0.8588 mg/L | 0.00802 | 0.8588 mg/L | 0.00802 | 0.93% |
| Na 330.237 | 1519.7 | 1.0105 mg/L | 0.13000 | 1.0105 mg/L | 0.13000 | 12.86% |
| Cd 226.502 | 243.1 | 0.0029 mg/L | 0.00003 | 0.0029 mg/L | 0.00003 | 0.98% |
| Ti 334.940 | 5480.2 | 0.0056 mg/L | 0.00010 | 0.0056 mg/L | 0.00010 | 1.81% |
| Ca 227.546 | 2582.7 | 8.2907 mg/L | 0.02193 | 8.2907 mg/L | 0.02193 | 0.26% |

Sequence No.: 51

Sample ID: CRI

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 7

Date Collected: 8/4/2007 12:48:44 AM

Data Type: Reprocessed on 8/6/2007 8:18:19 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CRI

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | 1553.2 | 0.0102 mg/L | 0.00006 | 0.0102 mg/L | 0.00006 | 0.59% |
| Al 308.215 | 7285.7 | 0.1956 mg/L | 0.00356 | 0.1956 mg/L | 0.00356 | 1.82% |
| As 188.979 | 8.7 | 0.0096 mg/L | 0.00016 | 0.0096 mg/L | 0.00016 | 1.69% |
| Ba 233.527 | 23486.1 | 0.2178 mg/L | 0.00090 | 0.2178 mg/L | 0.00090 | 0.41% |
| Be 313.107 | 13224.3 | 0.0050 mg/L | 0.00002 | 0.0050 mg/L | 0.00002 | 0.43% |
| Co 228.616 | 1543.9 | 0.0522 mg/L | 0.00014 | 0.0522 mg/L | 0.00014 | 0.26% |
| Cr 267.716 | 544.5 | 0.0099 mg/L | 0.00013 | 0.0099 mg/L | 0.00013 | 1.35% |
| Cu 324.752 | 8271.6 | 0.0253 mg/L | 0.00013 | 0.0253 mg/L | 0.00013 | 0.53% |
| Fe 273.955 | 4686.2 | 0.1466 mg/L | 0.00324 | 0.1466 mg/L | 0.00324 | 2.21% |
| Mg 279.077 | 144271.5 | 5.1501 mg/L | 0.01550 | 5.1501 mg/L | 0.01550 | 0.30% |
| Mn 257.610 | 11287.6 | 0.0162 mg/L | 0.00005 | 0.0162 mg/L | 0.00005 | 0.28% |
| Ni 231.604 | 977.7 | 0.0420 mg/L | 0.00021 | 0.0420 mg/L | 0.00021 | 0.49% |
| Pb 220.353 | 68.5 | 0.0123 mg/L | 0.00105 | 0.0123 mg/L | 0.00105 | 8.55% |
| Sb 206.836 | 77.3 | 0.0650 mg/L | 0.00018 | 0.0650 mg/L | 0.00018 | 0.27% |
| Se 196.026 | 30.3 | 0.0388 mg/L | 0.00065 | 0.0388 mg/L | 0.00065 | 1.67% |
| Tl 190.801 | 32.1 | 0.0226 mg/L | 0.00150 | 0.0226 mg/L | 0.00150 | 6.62% |
| V 292.402 | 5765.6 | 0.0501 mg/L | 0.00066 | 0.0501 mg/L | 0.00066 | 1.32% |
| Zn 206.200 | 1927.6 | 0.0697 mg/L | 0.00014 | 0.0697 mg/L | 0.00014 | 0.20% |
| Na 330.237 | 5746.7 | 3.7512 mg/L | 0.01620 | 3.7512 mg/L | 0.01620 | 0.43% |
| Cd 226.502 | 283.6 | 0.0053 mg/L | 0.00003 | 0.0053 mg/L | 0.00003 | 0.55% |
| Ti 334.940 | -54.0 | 0.0000 mg/L | 0.00003 | 0.0000 mg/L | 0.00003 | >999.9% |
| Ca 227.546 | 1399.4 | 4.8288 mg/L | 0.03549 | 4.8288 mg/L | 0.03549 | 0.73% |

Sequence No.: 52

Sample ID: ICESA

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 5

Date Collected: 8/4/2007 12:51:48 AM

Data Type: Reprocessed on 8/6/2007 8:18:19 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICESA

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Ag 328.068 | -229.6 | -0.0023 mg/L | 0.00053 | -0.0023 mg/L | 0.00053 | 22.64% |
| Al 308.215 | 16276473.3 | 437.75 mg/L | 3.291 | 437.75 mg/L | 3.291 | 0.75% |
| As 188.979 | -14.7 | -0.0059 mg/L | 0.00224 | -0.0059 mg/L | 0.00224 | 38.10% |
| Ba 233.527 | 294.6 | 0.0016 mg/L | 0.00002 | 0.0016 mg/L | 0.00002 | 1.55% |
| Be 313.107 | 87.7 | 0.0000 mg/L | 0.00002 | 0.0000 mg/L | 0.00002 | 66.09% |
| Co 228.616 | 99.7 | 0.0333 mg/L | 0.00025 | 0.0333 mg/L | 0.00025 | 0.75% |
| Cr 267.716 | -135.0 | -0.0075 mg/L | 0.00031 | -0.0075 mg/L | 0.00031 | 4.19% |
| Cu 324.752 | -5378.8 | -0.0037 mg/L | 0.00010 | -0.0037 mg/L | 0.00010 | 2.78% |
| Fe 273.955 | 6241113.9 | 165.82 mg/L | 1.300 | 165.82 mg/L | 1.300 | 0.78% |
| Mg 279.077 | 11804916.9 | 421.32 mg/L | 3.317 | 421.32 mg/L | 3.317 | 0.79% |

| | | | | | | |
|--|----------|--------------|---------|--------------|---------|---------|
| Mn 257.610 | 1516.9 | 0.0022 mg/L | 0.00001 | 0.0022 mg/L | 0.00001 | 0.30% |
| Saturated outside survey window (code 6) | | | | | | |
| Ni 231.604 | 43.0 | 0.0234 mg/L | 0.00053 | 0.0234 mg/L | 0.00053 | 2.25% |
| Pb 220.353 | -161.8 | 0.0029 mg/L | 0.00040 | 0.0029 mg/L | 0.00040 | 13.79% |
| Sb 206.836 | -8.6 | 0.0065 mg/L | 0.00279 | 0.0065 mg/L | 0.00279 | 42.91% |
| Se 196.026 | -25.2 | 0.0043 mg/L | 0.00554 | 0.0043 mg/L | 0.00554 | 130.32% |
| Tl 190.801 | -14.9 | 0.0075 mg/L | 0.00012 | 0.0075 mg/L | 0.00012 | 1.65% |
| V 292.402 | -557.1 | -0.0021 mg/L | 0.00012 | -0.0021 mg/L | 0.00012 | 5.83% |
| Zn 206.200 | 378.3 | 0.0086 mg/L | 0.00031 | 0.0086 mg/L | 0.00031 | 3.60% |
| Na 330.237 | 738.0 | -0.3014 mg/L | 0.03512 | -0.3014 mg/L | 0.03512 | 11.65% |
| Cd 226.502 | 509.4 | 0.0007 mg/L | 0.00029 | 0.0007 mg/L | 0.00029 | 43.46% |
| Ti 334.940 | -5513.3 | 0.0001 mg/L | 0.00004 | 0.0001 mg/L | 0.00004 | 34.59% |
| Ca 227.546 | 137684.1 | 472.20 mg/L | 0.276 | 472.20 mg/L | 0.276 | 0.06% |

Sequence No.: 53

Sample ID: ICSAB

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 6

Date Collected: 8/4/2007 12:55:03 AM

Data Type: Reprocessed on 8/6/2007 8:18:20 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Ag 328.068 | 28118.8 | 0.1844 mg/L | 0.00072 | 0.1844 mg/L | 0.00072 | 0.39% |
| Al 308.215 | 16306374.4 | 438.55 mg/L | 1.193 | 438.55 mg/L | 1.193 | 0.27% |
| As 188.979 | 66.7 | 0.0880 mg/L | 0.00107 | 0.0880 mg/L | 0.00107 | 1.21% |
| Ba 233.527 | 50969.6 | 0.4720 mg/L | 0.00164 | 0.4720 mg/L | 0.00164 | 0.35% |
| Be 313.107 | 1135983.6 | 0.4298 mg/L | 0.00073 | 0.4298 mg/L | 0.00073 | 0.17% |
| Co 228.616 | 11998.0 | 0.4333 mg/L | 0.00088 | 0.4333 mg/L | 0.00088 | 0.20% |
| Cr 267.716 | 23406.8 | 0.4203 mg/L | 0.00239 | 0.4203 mg/L | 0.00239 | 0.57% |
| Cu 324.752 | 147118.4 | 0.4609 mg/L | 0.00108 | 0.4609 mg/L | 0.00108 | 0.23% |
| Fe 273.955 | 6284638.4 | 166.98 mg/L | 0.292 | 166.98 mg/L | 0.292 | 0.18% |
| Mg 279.077 | 11872736.2 | 423.74 mg/L | 0.666 | 423.74 mg/L | 0.666 | 0.16% |
| Mn 257.610 | 310543.9 | 0.4460 mg/L | 0.00022 | 0.4460 mg/L | 0.00022 | 0.05% |
| Ni 231.604 | 18340.6 | 0.8078 mg/L | 0.00310 | 0.8078 mg/L | 0.00310 | 0.38% |
| Pb 220.353 | 77.9 | 0.0456 mg/L | 0.00159 | 0.0456 mg/L | 0.00159 | 3.49% |
| Sb 206.836 | 692.0 | 0.5835 mg/L | 0.00570 | 0.5835 mg/L | 0.00570 | 0.98% |
| Se 196.026 | 11.4 | 0.0515 mg/L | 0.00352 | 0.0515 mg/L | 0.00352 | 6.84% |
| Tl 190.801 | 93.1 | 0.0837 mg/L | 0.00291 | 0.0837 mg/L | 0.00291 | 3.48% |
| V 292.402 | 49820.7 | 0.4362 mg/L | 0.00185 | 0.4362 mg/L | 0.00185 | 0.43% |
| Zn 206.200 | 23253.7 | 0.8371 mg/L | 0.00066 | 0.8371 mg/L | 0.00066 | 0.08% |
| Na 330.237 | 1649.7 | 0.2786 mg/L | 0.15865 | 0.2786 mg/L | 0.15865 | 56.95% |
| Cd 226.502 | 44875.7 | 0.8326 mg/L | 0.00253 | 0.8326 mg/L | 0.00253 | 0.30% |
| Ti 334.940 | -5489.7 | 0.0002 mg/L | 0.00012 | 0.0002 mg/L | 0.00012 | 73.26% |
| Ca 227.546 | 139554.1 | 478.59 mg/L | 0.640 | 478.59 mg/L | 0.640 | 0.13% |

Sequence No.: 54

Sample ID: CCV

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/4/2007 12:58:16 AM

Data Type: Reprocessed on 8/6/2007 8:18:20 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Ag 328.068 | 178568.1 | 1.1781 mg/L | 0.00782 | 1.1781 mg/L | 0.00782 | 0.66% |
| Al 308.215 | 359456.9 | 9.6477 mg/L | 0.03362 | 9.6477 mg/L | 0.03362 | 0.35% |
| As 188.979 | 462.0 | 0.5117 mg/L | 0.00247 | 0.5117 mg/L | 0.00247 | 0.48% |
| Ba 233.527 | 1137200.9 | 10.547 mg/L | 0.0475 | 10.547 mg/L | 0.0475 | 0.45% |
| Be 313.107 | 668364.1 | 0.2529 mg/L | 0.00176 | 0.2529 mg/L | 0.00176 | 0.69% |
| Co 228.616 | 75715.3 | 2.5448 mg/L | 0.00047 | 2.5448 mg/L | 0.00047 | 0.02% |
| Cr 267.716 | 55584.0 | 1.0095 mg/L | 0.01003 | 1.0095 mg/L | 0.01003 | 0.99% |
| Cu 324.752 | 407069.7 | 1.2406 mg/L | 0.00893 | 1.2406 mg/L | 0.00893 | 0.72% |
| Fe 273.955 | 197070.6 | 5.2683 mg/L | 0.02303 | 5.2683 mg/L | 0.02303 | 0.44% |
| Mg 279.077 | 714978.8 | 25.552 mg/L | 0.1050 | 25.552 mg/L | 0.1050 | 0.41% |

| | | | | | | |
|------------|-----------|-------------|---------|-------------|---------|-------|
| Mn 257.610 | 1782822.0 | 2.5601 mg/L | 0.01167 | 2.5601 mg/L | 0.01167 | 0.46% |
| Ni 231.604 | 59328.2 | 2.5435 mg/L | 0.01834 | 2.5435 mg/L | 0.01834 | 0.72% |
| Pb 220.353 | 2854.0 | 0.5087 mg/L | 0.00180 | 0.5087 mg/L | 0.00180 | 0.35% |
| Sb 206.836 | 596.3 | 0.4732 mg/L | 0.00177 | 0.4732 mg/L | 0.00177 | 0.37% |
| Se 196.026 | 393.7 | 0.5075 mg/L | 0.00616 | 0.5075 mg/L | 0.00616 | 1.21% |
| Tl 190.801 | 722.3 | 0.5091 mg/L | 0.00058 | 0.5091 mg/L | 0.00058 | 0.11% |
| V 292.402 | 291794.1 | 2.5363 mg/L | 0.02178 | 2.5363 mg/L | 0.02178 | 0.86% |
| Zn 206.200 | 71700.9 | 2.5952 mg/L | 0.00346 | 2.5952 mg/L | 0.00346 | 0.13% |
| Na 330.237 | 35877.9 | 23.418 mg/L | 0.0800 | 23.418 mg/L | 0.0800 | 0.34% |
| Cd 226.502 | 13305.8 | 0.2503 mg/L | 0.00201 | 0.2503 mg/L | 0.00201 | 0.80% |
| Ti 334.940 | 480.7 | 0.0007 mg/L | 0.00005 | 0.0007 mg/L | 0.00005 | 7.63% |
| Ca 227.546 | 7301.9 | 24.953 mg/L | 0.0514 | 24.953 mg/L | 0.0514 | 0.21% |

Sequence No.: 55

Sample ID: CCB

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/4/2007 1:01:28 AM

Data Type: Reprocessed on 8/6/2007 8:18:21 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected Intensity | Conc. | Calib Units | Std.Dev. | Conc. Units | Sample Std.Dev. | RSD | |
|------------|--------------------------|---------|-------------|----------|-------------|-----------------|---------|---------|
| Ag 328.068 | 56.7 | 0.0004 | mg/L | 0.00035 | 0.0004 | mg/L | 0.00035 | 90.95% |
| Al 308.215 | 916.1 | 0.0246 | mg/L | 0.02311 | 0.0246 | mg/L | 0.02311 | 93.83% |
| As 188.979 | -0.6 | -0.0006 | mg/L | 0.00015 | -0.0006 | mg/L | 0.00015 | 24.13% |
| Ba 233.527 | 117.1 | 0.0011 | mg/L | 0.00007 | 0.0011 | mg/L | 0.00007 | 6.47% |
| Be 313.107 | 215.1 | 0.0001 | mg/L | 0.00002 | 0.0001 | mg/L | 0.00002 | 30.28% |
| Co 228.616 | 6.9 | 0.0002 | mg/L | 0.00002 | 0.0002 | mg/L | 0.00002 | 7.76% |
| Cr 267.716 | 2.9 | 0.0001 | mg/L | 0.00001 | 0.0001 | mg/L | 0.00001 | 20.41% |
| Cu 324.752 | 171.1 | 0.0005 | mg/L | 0.00036 | 0.0005 | mg/L | 0.00036 | 68.76% |
| Fe 273.955 | 621.2 | 0.0166 | mg/L | 0.00477 | 0.0166 | mg/L | 0.00477 | 28.83% |
| Mg 279.077 | 837.0 | 0.0299 | mg/L | 0.02813 | 0.0299 | mg/L | 0.02813 | 94.17% |
| Mn 257.610 | 277.3 | 0.0004 | mg/L | 0.00005 | 0.0004 | mg/L | 0.00005 | 12.12% |
| Ni 231.604 | 9.3 | 0.0004 | mg/L | 0.00029 | 0.0004 | mg/L | 0.00029 | 71.36% |
| Pb 220.353 | 1.9 | 0.0003 | mg/L | 0.00041 | 0.0003 | mg/L | 0.00041 | 116.52% |
| Sb 206.836 | 1.3 | 0.0011 | mg/L | 0.00121 | 0.0011 | mg/L | 0.00121 | 112.84% |
| Se 196.026 | 5.0 | 0.0065 | mg/L | 0.00310 | 0.0065 | mg/L | 0.00310 | 48.05% |
| Tl 190.801 | -4.4 | -0.0031 | mg/L | 0.00270 | -0.0031 | mg/L | 0.00270 | 87.81% |
| V 292.402 | 38.9 | 0.0003 | mg/L | 0.00012 | 0.0003 | mg/L | 0.00012 | 35.12% |
| Zn 206.200 | 75.4 | 0.0027 | mg/L | 0.00002 | 0.0027 | mg/L | 0.00002 | 0.92% |
| Na 330.237 | 44.7 | 0.0291 | mg/L | 0.03079 | 0.0291 | mg/L | 0.03079 | 105.68% |
| Cd 226.502 | 6.5 | 0.0001 | mg/L | 0.00002 | 0.0001 | mg/L | 0.00002 | 17.26% |
| Ti 334.940 | 65.6 | 0.0001 | mg/L | 0.00013 | 0.0001 | mg/L | 0.00013 | 190.29% |
| Ca 227.546 | 24.9 | 0.0855 | mg/L | 0.01945 | 0.0855 | mg/L | 0.01945 | 22.75% |

Sequence No.: 56

Sample ID: MB-31385,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 122

Date Collected: 8/4/2007 1:04:34 AM

Data Type: Reprocessed on 8/6/2007 8:18:21 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: MB-31385,31385

| Analyte | Mean Corrected Intensity | Conc. | Calib Units | Std.Dev. | Conc. Units | Sample Std.Dev. | RSD | |
|------------|--------------------------|---------|-------------|----------|-------------|-----------------|---------|---------|
| Ag 328.068 | 49.1 | 0.0003 | mg/L | 0.00002 | 0.0003 | mg/L | 0.00002 | 5.42% |
| Al 308.215 | 309.3 | 0.0083 | mg/L | 0.00263 | 0.0083 | mg/L | 0.00263 | 31.61% |
| As 188.979 | -1.9 | -0.0020 | mg/L | 0.00079 | -0.0020 | mg/L | 0.00079 | 38.84% |
| Ba 233.527 | 29.7 | 0.0003 | mg/L | 0.00005 | 0.0003 | mg/L | 0.00005 | 19.00% |
| Be 313.107 | -7.5 | 0.0000 | mg/L | 0.00000 | 0.0000 | mg/L | 0.00000 | 21.51% |
| Co 228.616 | 3.9 | 0.0001 | mg/L | 0.00009 | 0.0001 | mg/L | 0.00009 | 64.61% |
| Cr 267.716 | 1.2 | 0.0000 | mg/L | 0.00003 | 0.0000 | mg/L | 0.00003 | 163.33% |
| Cu 324.752 | 399.1 | 0.0012 | mg/L | 0.00016 | 0.0012 | mg/L | 0.00016 | 13.53% |
| Fe 273.955 | 621.1 | 0.0166 | mg/L | 0.00088 | 0.0166 | mg/L | 0.00088 | 5.31% |
| Mg 279.077 | 48.4 | 0.0017 | mg/L | 0.00051 | 0.0017 | mg/L | 0.00051 | 29.51% |
| Mn 257.610 | 520.0 | 0.0007 | mg/L | 0.00001 | 0.0007 | mg/L | 0.00001 | 0.73% |

| | | | | | | |
|------------|-------|--------------|---------|--------------|---------|---------|
| Ni 231.604 | 6.2 | 0.0003 mg/L | 0.00015 | 0.0003 mg/L | 0.00015 | 57.82% |
| Pb 220.353 | 5.4 | 0.0010 mg/L | 0.00009 | 0.0010 mg/L | 0.00009 | 9.10% |
| Sb 206.836 | 1.7 | 0.0014 mg/L | 0.00165 | 0.0014 mg/L | 0.00165 | 114.77% |
| Se 196.026 | 0.9 | 0.0011 mg/L | 0.00054 | 0.0011 mg/L | 0.00054 | 47.13% |
| Tl 190.801 | -3.7 | -0.0026 mg/L | 0.00069 | -0.0026 mg/L | 0.00069 | 26.55% |
| V 292.402 | -16.4 | -0.0001 mg/L | 0.00010 | -0.0001 mg/L | 0.00010 | 70.02% |
| Zn 206.200 | 176.1 | 0.0064 mg/L | 0.00074 | 0.0064 mg/L | 0.00074 | 11.68% |
| Na 330.237 | -27.0 | -0.0179 mg/L | 0.10762 | -0.0179 mg/L | 0.10762 | 602.67% |
| Cd 226.502 | -1.6 | 0.0000 mg/L | 0.00007 | 0.0000 mg/L | 0.00007 | 237.60% |
| Ti 334.940 | 66.2 | 0.0001 mg/L | 0.00006 | 0.0001 mg/L | 0.00006 | 85.75% |
| Ca 227.546 | 33.7 | 0.1160 mg/L | 0.03381 | 0.1160 mg/L | 0.03381 | 29.15% |

Sequence No.: 57

Sample ID: LCS-31385,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 123

Date Collected: 8/4/2007 1:07:42 AM

Data Type: Reprocessed on 8/6/2007 8:18:22 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: LCS-31385,31385

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | | | Units | Conc. | |
| Ag 328.068 | 174277.2 | 1.1500 | mg/L | 0.00860 | 1.1500 | mg/L | 0.75% |
| Al 308.215 | 347402.5 | 9.3241 | mg/L | 0.02902 | 9.3241 | mg/L | 0.31% |
| As 188.979 | 454.1 | 0.5027 | mg/L | 0.00159 | 0.5027 | mg/L | 0.32% |
| Ba 233.527 | 1067641.4 | 9.9021 | mg/L | 0.02783 | 9.9021 | mg/L | 0.28% |
| Be 313.107 | 658627.6 | 0.2493 | mg/L | 0.00005 | 0.2493 | mg/L | 0.02% |
| Co 228.616 | 72918.2 | 2.4508 | mg/L | 0.00369 | 2.4508 | mg/L | 0.15% |
| Cr 267.716 | 53709.6 | 0.9755 | mg/L | 0.00276 | 0.9755 | mg/L | 0.28% |
| Cu 324.752 | 400389.3 | 1.2203 | mg/L | 0.00316 | 1.2203 | mg/L | 0.26% |
| Fe 273.955 | 188558.7 | 5.0431 | mg/L | 0.01193 | 5.0431 | mg/L | 0.24% |
| Mg 279.077 | 690295.4 | 24.670 | mg/L | 0.0589 | 24.670 | mg/L | 0.24% |
| Mn 257.610 | 1721914.0 | 2.4727 | mg/L | 0.01063 | 2.4727 | mg/L | 0.43% |
| Ni 231.604 | 57547.0 | 2.4671 | mg/L | 0.00861 | 2.4671 | mg/L | 0.35% |
| Pb 220.353 | 2785.6 | 0.4965 | mg/L | 0.00205 | 0.4965 | mg/L | 0.41% |
| Sb 206.836 | 638.0 | 0.5093 | mg/L | 0.00139 | 0.5093 | mg/L | 0.27% |
| Se 196.026 | 385.4 | 0.4969 | mg/L | 0.00316 | 0.4969 | mg/L | 0.64% |
| Tl 190.801 | 702.0 | 0.4948 | mg/L | 0.00345 | 0.4948 | mg/L | 0.70% |
| V 292.402 | 282401.3 | 2.4546 | mg/L | 0.00137 | 2.4546 | mg/L | 0.06% |
| Zn 206.200 | 68553.9 | 2.4814 | mg/L | 0.00516 | 2.4814 | mg/L | 0.21% |
| Na 330.237 | 34246.8 | 22.352 | mg/L | 0.1464 | 22.352 | mg/L | 0.65% |
| Cd 226.502 | 13247.9 | 0.2492 | mg/L | 0.00034 | 0.2492 | mg/L | 0.14% |
| Ti 334.940 | -18.9 | 0.0002 | mg/L | 0.00001 | 0.0002 | mg/L | 7.23% |
| Ca 227.546 | 7108.9 | 24.296 | mg/L | 0.0446 | 24.296 | mg/L | 0.18% |

Sequence No.: 58

Sample ID: F0936-04B,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 124

Date Collected: 8/4/2007 1:10:56 AM

Data Type: Reprocessed on 8/6/2007 8:18:22 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-04B,31385

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|-------|
| | Intensity | Conc. | | | Units | Conc. | |
| Ag 328.068 | 5210.1 | -0.2089 | mg/L | 0.00018 | -0.2089 | mg/L | 0.09% |
| Al 308.215 | 14534898.2 | 390.90 | mg/L | 0.862 | 390.90 | mg/L | 0.22% |
| As 188.979 | 599.2 | 0.6828 | mg/L | 0.05381 | 0.6828 | mg/L | 7.88% |
| Ba 233.527 | 2972483.7 | 27.553 | mg/L | 0.0746 | 27.553 | mg/L | 0.27% |
| Be 313.107 | 62542.8 | 0.0296 | mg/L | 0.00018 | 0.0296 | mg/L | 0.62% |
| Co 228.616 | 14904.8 | 0.5351 | mg/L | 0.00502 | 0.5351 | mg/L | 0.94% |
| Cr 267.716 | 119809.8 | 2.1647 | mg/L | 0.01268 | 2.1647 | mg/L | 0.59% |
| Cu 324.752 | 6595901.3 | 20.100 | mg/L | 0.0865 | 20.100 | mg/L | 0.43% |
| Fe 273.955 | 49528275.1 | 1285.4 | mg/L | 1.04 | 1285.4 | mg/L | 0.08% |
| Mg 279.077 | 2521400.4 | 89.720 | mg/L | 0.3926 | 89.720 | mg/L | 0.44% |
| Mn 257.610 | 17604965.7 | 25.280 | mg/L | 0.0368 | 25.280 | mg/L | 0.15% |
| Ni 231.604 | 54357.5 | 2.3552 | mg/L | 0.02092 | 2.3552 | mg/L | 0.89% |

| | | | | | | |
|------------|-----------|--------------|---------|--------------|---------|-------|
| Pb 220.353 | 395434.4 | 70.420 mg/L | 0.4645 | 70.420 mg/L | 0.4645 | 0.66% |
| Sb 206.836 | -190.6 | -0.1502 mg/L | 0.00373 | -0.1502 mg/L | 0.00373 | 2.48% |
| Se 196.026 | -338.5 | -0.0269 mg/L | 0.00056 | -0.0269 mg/L | 0.00056 | 2.08% |
| Tl 190.801 | -204.2 | 0.2091 mg/L | 0.00387 | 0.2091 mg/L | 0.00387 | 1.85% |
| V 292.402 | 134911.6 | 1.1967 mg/L | 0.00839 | 1.1967 mg/L | 0.00839 | 0.70% |
| Zn 206.200 | 2019060.9 | 72.934 mg/L | 0.2677 | 72.934 mg/L | 0.2677 | 0.37% |
| Na 330.237 | 173363.2 | 113.98 mg/L | 0.175 | 113.98 mg/L | 0.175 | 0.15% |
| Cd 226.502 | 31543.7 | 0.5219 mg/L | 0.00097 | 0.5219 mg/L | 0.00097 | 0.19% |
| Ti 334.940 | 3247105.0 | 3.2917 mg/L | 0.01873 | 3.2917 mg/L | 0.01873 | 0.57% |
| Ca 227.546 | 232581.8 | 776.09 mg/L | 4.433 | 776.09 mg/L | 4.433 | 0.57% |

Sequence No.: 59

Autosampler Location: 125

Sample ID: F0936-07B,31385

Date Collected: 8/4/2007 1:14:05 AM

Analyst:

Data Type: Reprocessed on 8/6/2007 8:18:23 AM

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-07B,31385

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Ag 328.068 | 536274.7 | 3.5600 | mg/L | 0.00354 | 3.5600 | mg/L | 0.10% |
| Al 308.215 | 11870036.4 | 319.23 | mg/L | 2.076 | 319.23 | mg/L | 0.65% |
| As 188.979 | 720.8 | 0.8010 | mg/L | 0.00222 | 0.8010 | mg/L | 0.28% |
| Ba 233.527 | 4168126.5 | 38.643 | mg/L | 0.2404 | 38.643 | mg/L | 0.62% |
| Be 313.107 | 57131.5 | 0.0298 | mg/L | 0.00007 | 0.0298 | mg/L | 0.23% |
| Co 228.616 | 6246.3 | 0.2394 | mg/L | 0.00062 | 0.2394 | mg/L | 0.26% |
| Cr 267.716 | 51012.5 | 0.9207 | mg/L | 0.00035 | 0.9207 | mg/L | 0.04% |
| Cu 324.752 | 5329556.0 | 16.248 | mg/L | 0.1042 | 16.248 | mg/L | 0.64% |
| Fe 273.955 | 19818971.2 | 516.75 | mg/L | 3.224 | 516.75 | mg/L | 0.62% |
| Mg 279.077 | 2412895.7 | 85.999 | mg/L | 0.0232 | 85.999 | mg/L | 0.03% |
| Mn 257.610 | 5957316.3 | 8.5545 | mg/L | 0.04770 | 8.5545 | mg/L | 0.56% |
| Ni 231.604 | 16796.4 | 0.7404 | mg/L | 0.00287 | 0.7404 | mg/L | 0.39% |
| Pb 220.353 | 166236.2 | 29.614 | mg/L | 0.0082 | 29.614 | mg/L | 0.03% |
| Sb 206.836 | -1.6 | 0.0121 | mg/L | 0.00362 | 0.0121 | mg/L | 29.83% |
| Se 196.026 | -67.1 | 0.0581 | mg/L | 0.00338 | 0.0581 | mg/L | 5.81% |
| Tl 190.801 | -40.1 | 0.0985 | mg/L | 0.00181 | 0.0985 | mg/L | 1.84% |
| V 292.402 | 89055.0 | 0.7821 | mg/L | 0.00253 | 0.7821 | mg/L | 0.32% |
| Zn 206.200 | 651823.6 | 23.542 | mg/L | 0.0370 | 23.542 | mg/L | 0.16% |
| Na 330.237 | 203415.0 | 133.26 | mg/L | 0.248 | 133.26 | mg/L | 0.19% |
| Cd 226.502 | 5053.8 | 0.0669 | mg/L | 0.00041 | 0.0669 | mg/L | 0.61% |
| Ti 334.940 | 4463568.1 | 4.5203 | mg/L | 0.02301 | 4.5203 | mg/L | 0.51% |
| Ca 227.546 | 204641.1 | 695.98 | mg/L | 1.723 | 695.98 | mg/L | 0.25% |

Sequence No.: 60

Autosampler Location: 126

Sample ID: F0936-08B,31385

Date Collected: 8/4/2007 1:17:26 AM

Analyst:

Data Type: Reprocessed on 8/6/2007 8:18:23 AM

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-08B,31385

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Ag 328.068 | 469693.3 | 3.1233 | mg/L | 0.01884 | 3.1233 | mg/L | 0.60% |
| Al 308.215 | 8422731.2 | 226.52 | mg/L | 1.032 | 226.52 | mg/L | 0.46% |
| As 188.979 | 508.6 | 0.5660 | mg/L | 0.00399 | 0.5660 | mg/L | 0.70% |
| Ba 233.527 | 3116434.0 | 28.893 | mg/L | 0.1448 | 28.893 | mg/L | 0.50% |
| Be 313.107 | 39336.6 | 0.0215 | mg/L | 0.00005 | 0.0215 | mg/L | 0.24% |
| Co 228.616 | 4749.8 | 0.1806 | mg/L | 0.00053 | 0.1806 | mg/L | 0.29% |
| Cr 267.716 | 38388.9 | 0.6929 | mg/L | 0.00306 | 0.6929 | mg/L | 0.44% |
| Cu 324.752 | 3664114.4 | 11.172 | mg/L | 0.0687 | 11.172 | mg/L | 0.62% |
| Fe 273.955 | 15412855.5 | 401.66 | mg/L | 1.503 | 401.66 | mg/L | 0.37% |
| Mg 279.077 | 1925799.0 | 68.642 | mg/L | 0.3505 | 68.642 | mg/L | 0.51% |
| Mn 257.610 | 4704589.4 | 6.7556 | mg/L | 0.02335 | 6.7556 | mg/L | 0.35% |
| Ni 231.604 | 12571.9 | 0.5537 | mg/L | 0.00063 | 0.5537 | mg/L | 0.11% |
| Pb 220.353 | 123980.3 | 22.086 | mg/L | 0.1370 | 22.086 | mg/L | 0.62% |

| | | | | | | |
|------------|-----------|-------------|---------|-------------|---------|--------|
| Sb 206.836 | 44.2 | 0.0484 mg/L | 0.00493 | 0.0484 mg/L | 0.00493 | 10.19% |
| Se 196.026 | -46.8 | 0.0528 mg/L | 0.00273 | 0.0528 mg/L | 0.00273 | 5.18% |
| Tl 190.801 | -30.4 | 0.0790 mg/L | 0.00335 | 0.0790 mg/L | 0.00335 | 4.24% |
| V 292.402 | 65563.5 | 0.5763 mg/L | 0.00163 | 0.5763 mg/L | 0.00163 | 0.28% |
| Zn 206.200 | 475520.7 | 17.175 mg/L | 0.0942 | 17.175 mg/L | 0.0942 | 0.55% |
| Na 330.237 | 145120.5 | 95.157 mg/L | 0.5592 | 95.157 mg/L | 0.5592 | 0.59% |
| Cd 226.502 | 3561.7 | 0.0451 mg/L | 0.00016 | 0.0451 mg/L | 0.00016 | 0.36% |
| Ti 334.940 | 3586935.1 | 3.6320 mg/L | 0.01239 | 3.6320 mg/L | 0.01239 | 0.34% |
| Ca 227.546 | 151975.8 | 516.49 mg/L | 3.178 | 516.49 mg/L | 3.178 | 0.62% |

Sequence No.: 61

Sample ID: F0936-15B,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 127

Date Collected: 8/4/2007 1:20:47 AM

Data Type: Reprocessed on 8/6/2007 8:18:23 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-15B,31385

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|---------|----------|-------------|----------|--------|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | 188.3 | 0.0023 mg/L | 0.00003 | 0.00003 | 0.0023 mg/L | 0.00003 | 1.42% |
| Al 308.215 | 262128.8 | 7.0497 mg/L | 0.02604 | 0.02604 | 7.0497 mg/L | 0.02604 | 0.37% |
| As 188.979 | 5.7 | 0.0076 mg/L | 0.00021 | 0.00021 | 0.0076 mg/L | 0.00021 | 2.74% |
| Ba 233.527 | 58353.0 | 0.5408 mg/L | 0.00264 | 0.00264 | 0.5408 mg/L | 0.00264 | 0.49% |
| Be 313.107 | 762.7 | 0.0004 mg/L | 0.00002 | 0.00002 | 0.0004 mg/L | 0.00002 | 4.54% |
| Co 228.616 | 346.9 | 0.0185 mg/L | 0.00015 | 0.00015 | 0.0185 mg/L | 0.00015 | 0.82% |
| Cr 267.716 | 838.1 | 0.0139 mg/L | 0.00018 | 0.00018 | 0.0139 mg/L | 0.00018 | 1.32% |
| Cu 324.752 | 19096.6 | 0.0612 mg/L | 0.00006 | 0.00006 | 0.0612 mg/L | 0.00006 | 0.11% |
| Fe 273.955 | 1376717.4 | 36.099 mg/L | 0.1534 | 0.1534 | 36.099 mg/L | 0.1534 | 0.42% |
| Mg 279.077 | 870867.5 | 31.091 mg/L | 0.0988 | 0.0988 | 31.091 mg/L | 0.0988 | 0.32% |
| Mn 257.610 | 1243515.5 | 1.7856 mg/L | 0.00676 | 0.00676 | 1.7856 mg/L | 0.00676 | 0.38% |
| Ni 231.604 | 1094.5 | 0.0498 mg/L | 0.00005 | 0.00005 | 0.0498 mg/L | 0.00005 | 0.10% |
| Pb 220.353 | 1866.0 | 0.3333 mg/L | 0.00233 | 0.00233 | 0.3333 mg/L | 0.00233 | 0.70% |
| Sb 206.836 | -2.8 | 0.0021 mg/L | 0.00015 | 0.00015 | 0.0021 mg/L | 0.00015 | 7.03% |
| Se 196.026 | 12.1 | 0.0191 mg/L | 0.00167 | 0.00167 | 0.0191 mg/L | 0.00167 | 8.78% |
| Tl 190.801 | -7.4 | 0.0068 mg/L | 0.00005 | 0.00005 | 0.0068 mg/L | 0.00005 | 0.79% |
| V 292.402 | 2162.4 | 0.0195 mg/L | 0.00004 | 0.00004 | 0.0195 mg/L | 0.00004 | 0.18% |
| Zn 206.200 | 8818.8 | 0.3187 mg/L | 0.00412 | 0.00412 | 0.3187 mg/L | 0.00412 | 1.29% |
| Na 330.237 | 45004.7 | 29.283 mg/L | 0.2227 | 0.2227 | 29.283 mg/L | 0.2227 | 0.76% |
| Cd 226.502 | 139.2 | 0.0007 mg/L | 0.00008 | 0.00008 | 0.0007 mg/L | 0.00008 | 12.36% |
| Ti 334.940 | 69578.1 | 0.0717 mg/L | 0.00143 | 0.00143 | 0.0717 mg/L | 0.00143 | 2.00% |
| Ca 227.546 | 32567.5 | 111.76 mg/L | 0.771 | 0.771 | 111.76 mg/L | 0.771 | 0.69% |

Sequence No.: 62

Sample ID: F0936-17B,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 128

Date Collected: 8/4/2007 1:24:00 AM

Data Type: Reprocessed on 8/6/2007 8:18:24 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-17B,31385

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------------|---------|----------|--------------|----------|-------|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | 22.4 | -0.0987 mg/L | 0.00008 | 0.00008 | -0.0987 mg/L | 0.00008 | 0.08% |
| Al 308.215 | 9460768.9 | 254.44 mg/L | 1.119 | 1.119 | 254.44 mg/L | 1.119 | 0.44% |
| As 188.979 | 124.5 | 0.1414 mg/L | 0.00233 | 0.00233 | 0.1414 mg/L | 0.00233 | 1.65% |
| Ba 233.527 | 648671.3 | 6.0113 mg/L | 0.00870 | 0.00870 | 6.0113 mg/L | 0.00870 | 0.14% |
| Be 313.107 | 34191.5 | 0.0148 mg/L | 0.00008 | 0.00008 | 0.0148 mg/L | 0.00008 | 0.53% |
| Co 228.616 | 10394.0 | 0.3583 mg/L | 0.00029 | 0.00029 | 0.3583 mg/L | 0.00029 | 0.08% |
| Cr 267.716 | 22751.1 | 0.3987 mg/L | 0.00192 | 0.00192 | 0.3987 mg/L | 0.00192 | 0.48% |
| Cu 324.752 | 321184.1 | 0.9803 mg/L | 0.00108 | 0.00108 | 0.9803 mg/L | 0.00108 | 0.11% |
| Fe 273.955 | 19342393.7 | 502.23 mg/L | 2.065 | 2.065 | 502.23 mg/L | 2.065 | 0.41% |
| Mg 279.077 | 2586421.2 | 92.318 mg/L | 0.1298 | 0.1298 | 92.318 mg/L | 0.1298 | 0.14% |
| Mn 257.610 | 13024265.0 | 18.702 mg/L | 0.1074 | 0.1074 | 18.702 mg/L | 0.1074 | 0.57% |
| Ni 231.604 | 14044.7 | 0.6131 mg/L | 0.00050 | 0.00050 | 0.6131 mg/L | 0.00050 | 0.08% |
| Pb 220.353 | 2646.8 | 0.4847 mg/L | 0.00177 | 0.00177 | 0.4847 mg/L | 0.00177 | 0.36% |
| Sb 206.836 | -64.2 | -0.0381 mg/L | 0.00168 | 0.00168 | -0.0381 mg/L | 0.00168 | 4.40% |

| | | | | | | |
|------------|-----------|-------------|---------|-------------|---------|--------|
| Se 196.026 | -81.0 | 0.0541 mg/L | 0.00759 | 0.0541 mg/L | 0.00759 | 14.03% |
| Tl 190.801 | -25.0 | 0.1239 mg/L | 0.00153 | 0.1239 mg/L | 0.00153 | 1.24% |
| V 292.402 | 43833.6 | 0.3911 mg/L | 0.00195 | 0.3911 mg/L | 0.00195 | 0.50% |
| Zn 206.200 | 57371.8 | 2.0715 mg/L | 0.01540 | 2.0715 mg/L | 0.01540 | 0.74% |
| Na 330.237 | 12791.8 | 8.6778 mg/L | 0.11209 | 8.6778 mg/L | 0.11209 | 1.29% |
| Cd 226.502 | 2226.2 | 0.0145 mg/L | 0.00002 | 0.0145 mg/L | 0.00002 | 0.13% |
| Ti 334.940 | 1019364.4 | 1.0332 mg/L | 0.00251 | 1.0332 mg/L | 0.00251 | 0.24% |
| Ca 227.546 | 68163.3 | 224.85 mg/L | 0.009 | 224.85 mg/L | 0.009 | 0.00% |

Sequence No.: 63
 Sample ID: ACID BLK
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 30
 Date Collected: 8/4/2007 1:27:23 AM
 Data Type: Reprocessed on 8/6/2007 8:18:24 AM
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: ACID BLK

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | 77.6 | 0.0005 mg/L | 0.00009 | 0.0005 mg/L | 0.00009 | 17.99% |
| Al 308.215 | 1848.3 | 0.0497 mg/L | 0.00119 | 0.0497 mg/L | 0.00119 | 2.39% |
| As 188.979 | 1.5 | 0.0017 mg/L | 0.00235 | 0.0017 mg/L | 0.00235 | 142.37% |
| Ba 233.527 | 243.4 | 0.0023 mg/L | 0.00022 | 0.0023 mg/L | 0.00022 | 9.57% |
| Be 313.107 | 91.1 | 0.0000 mg/L | 0.00002 | 0.0000 mg/L | 0.00002 | 64.07% |
| Co 228.616 | 1.8 | 0.0001 mg/L | 0.00002 | 0.0001 mg/L | 0.00002 | 25.70% |
| Cr 267.716 | 11.1 | 0.0002 mg/L | 0.00008 | 0.0002 mg/L | 0.00008 | 41.46% |
| Cu 324.752 | 1517.6 | 0.0046 mg/L | 0.00020 | 0.0046 mg/L | 0.00020 | 4.24% |
| Fe 273.955 | 6224.1 | 0.1617 mg/L | 0.00908 | 0.1617 mg/L | 0.00908 | 5.61% |
| Mg 279.077 | 645.4 | 0.0230 mg/L | 0.00008 | 0.0230 mg/L | 0.00008 | 0.37% |
| Mn 257.610 | 3013.8 | 0.0043 mg/L | 0.00017 | 0.0043 mg/L | 0.00017 | 3.89% |
| Ni 231.604 | 7.6 | 0.0003 mg/L | 0.00010 | 0.0003 mg/L | 0.00010 | 31.10% |
| Pb 220.353 | 60.2 | 0.0107 mg/L | 0.00013 | 0.0107 mg/L | 0.00013 | 1.20% |
| Sb 206.836 | -1.9 | -0.0016 mg/L | 0.00243 | -0.0016 mg/L | 0.00243 | 152.93% |
| Se 196.026 | 4.0 | 0.0052 mg/L | 0.00380 | 0.0052 mg/L | 0.00380 | 72.37% |
| Tl 190.801 | -3.9 | -0.0027 mg/L | 0.00065 | -0.0027 mg/L | 0.00065 | 24.24% |
| V 292.402 | 3.5 | 0.0000 mg/L | 0.00020 | 0.0000 mg/L | 0.00020 | 598.35% |
| Zn 206.200 | 480.9 | 0.0174 mg/L | 0.00018 | 0.0174 mg/L | 0.00018 | 6.77% |
| Na 330.237 | 242.2 | 0.1585 mg/L | 0.08092 | 0.1585 mg/L | 0.08092 | 51.05% |
| Cd 226.502 | 1.9 | 0.0000 mg/L | 0.00003 | 0.0000 mg/L | 0.00003 | 103.17% |
| Ti 334.940 | 373.2 | 0.0004 mg/L | 0.00005 | 0.0004 mg/L | 0.00005 | 12.53% |
| Ca 227.546 | 41.0 | 0.1383 mg/L | 0.04200 | 0.1383 mg/L | 0.04200 | 30.36% |

Sequence No.: 64
 Sample ID: ACID BLK
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 30
 Date Collected: 8/4/2007 1:30:28 AM
 Data Type: Reprocessed on 8/6/2007 8:18:25 AM
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: ACID BLK

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | 10.1 | 0.0001 mg/L | 0.00005 | 0.0001 mg/L | 0.00005 | 85.21% |
| Al 308.215 | 1036.5 | 0.0279 mg/L | 0.00171 | 0.0279 mg/L | 0.00171 | 6.12% |
| As 188.979 | 1.3 | 0.0014 mg/L | 0.00326 | 0.0014 mg/L | 0.00326 | 231.34% |
| Ba 233.527 | 158.0 | 0.0015 mg/L | 0.00013 | 0.0015 mg/L | 0.00013 | 8.57% |
| Be 313.107 | 65.6 | 0.0000 mg/L | 0.00001 | 0.0000 mg/L | 0.00001 | 40.26% |
| Co 228.616 | 2.9 | 0.0001 mg/L | 0.00006 | 0.0001 mg/L | 0.00006 | 53.82% |
| Cr 267.716 | 12.0 | 0.0002 mg/L | 0.00012 | 0.0002 mg/L | 0.00012 | 57.51% |
| Cu 324.752 | 1218.8 | 0.0037 mg/L | 0.00001 | 0.0037 mg/L | 0.00001 | 0.34% |
| Fe 273.955 | 3517.8 | 0.0914 mg/L | 0.00599 | 0.0914 mg/L | 0.00599 | 6.56% |
| Mg 279.077 | 256.6 | 0.0091 mg/L | 0.00250 | 0.0091 mg/L | 0.00250 | 27.38% |
| Mn 257.610 | 1630.5 | 0.0023 mg/L | 0.00012 | 0.0023 mg/L | 0.00012 | 5.28% |
| Ni 231.604 | 1.0 | 0.0000 mg/L | 0.00007 | 0.0000 mg/L | 0.00007 | 158.57% |
| Pb 220.353 | 45.1 | 0.0080 mg/L | 0.00019 | 0.0080 mg/L | 0.00019 | 2.36% |
| Sb 206.836 | -1.9 | -0.0016 mg/L | 0.00176 | -0.0016 mg/L | 0.00176 | 108.29% |
| Se 196.026 | 0.7 | 0.0009 mg/L | 0.00121 | 0.0009 mg/L | 0.00121 | 132.13% |

| | | | | | | |
|------------|-------|--------------|---------|--------------|---------|---------|
| Tl 190.801 | -1.7 | -0.0012 mg/L | 0.00012 | -0.0012 mg/L | 0.00012 | 10.16% |
| V 292.402 | 2.7 | 0.0009 mg/L | 0.00009 | 0.0000 mg/L | 0.00009 | 370.43% |
| Zn 206.200 | 348.9 | 0.0126 mg/L | 0.00055 | 0.0126 mg/L | 0.00055 | 4.33% |
| Na 330.237 | 283.5 | 0.1855 mg/L | 0.08104 | 0.1855 mg/L | 0.08104 | 43.68% |
| Cd 226.502 | -0.9 | 0.0000 mg/L | 0.00001 | 0.0000 mg/L | 0.00001 | 48.45% |
| Ti 334.940 | 158.3 | 0.0002 mg/L | 0.00002 | 0.0002 mg/L | 0.00002 | 15.38% |
| Ca 227.546 | 20.8 | 0.0698 mg/L | 0.04455 | 0.0698 mg/L | 0.04455 | 63.81% |

Sequence No.: 65

Sample ID: CCV

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/4/2007 1:33:32 AM

Data Type: Reprocessed on 8/6/2007 8:18:25 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Ag 328.068 | 182257.4 | 1.2030 mg/L | 0.00427 | 1.2030 mg/L | 0.00427 | 0.36% |
| Al 308.215 | 367657.3 | 9.8682 mg/L | 0.05151 | 9.8682 mg/L | 0.05151 | 0.52% |
| As 188.979 | 463.2 | 0.5132 mg/L | 0.00051 | 0.5132 mg/L | 0.00051 | 0.10% |
| Ba 233.527 | 1145532.9 | 10.624 mg/L | 0.0488 | 10.624 mg/L | 0.0488 | 0.46% |
| Be 313.107 | 672572.6 | 0.2545 mg/L | 0.00057 | 0.2545 mg/L | 0.00057 | 0.22% |
| Co 228.616 | 77604.7 | 2.6083 mg/L | 0.01396 | 2.6083 mg/L | 0.01396 | 0.54% |
| Cr 267.716 | 56617.0 | 1.0282 mg/L | 0.00468 | 1.0282 mg/L | 0.00468 | 0.46% |
| Cu 324.752 | 411424.3 | 1.2539 mg/L | 0.00371 | 1.2539 mg/L | 0.00371 | 0.30% |
| Fe 273.955 | 201467.4 | 5.3839 mg/L | 0.02345 | 5.3839 mg/L | 0.02345 | 0.44% |
| Mg 279.077 | 719103.5 | 25.700 mg/L | 0.1383 | 25.700 mg/L | 0.1383 | 0.54% |
| Mn 257.610 | 1795339.7 | 2.5781 mg/L | 0.00523 | 2.5781 mg/L | 0.00523 | 0.20% |
| Ni 231.604 | 60716.5 | 2.6030 mg/L | 0.00372 | 2.6030 mg/L | 0.00372 | 0.14% |
| Pb 220.353 | 2882.9 | 0.5139 mg/L | 0.00247 | 0.5139 mg/L | 0.00247 | 0.48% |
| Sb 206.836 | 601.1 | 0.4766 mg/L | 0.00013 | 0.4766 mg/L | 0.00013 | 0.03% |
| Se 196.026 | 392.4 | 0.5059 mg/L | 0.00983 | 0.5059 mg/L | 0.00983 | 1.94% |
| Tl 190.801 | 727.9 | 0.5131 mg/L | 0.00205 | 0.5131 mg/L | 0.00205 | 0.40% |
| V 292.402 | 292425.8 | 2.5418 mg/L | 0.00544 | 2.5418 mg/L | 0.00544 | 0.21% |
| Zn 206.200 | 73682.1 | 2.6669 mg/L | 0.01236 | 2.6669 mg/L | 0.01236 | 0.46% |
| Na 330.237 | 36942.8 | 24.115 mg/L | 0.1664 | 24.115 mg/L | 0.1664 | 0.69% |
| Cd 226.502 | 13710.8 | 0.2579 mg/L | 0.00037 | 0.2579 mg/L | 0.00037 | 0.14% |
| Ti 334.940 | 588.7 | 0.0008 mg/L | 0.00001 | 0.0008 mg/L | 0.00001 | 0.83% |
| Ca 227.546 | 7356.9 | 25.138 mg/L | 0.1253 | 25.138 mg/L | 0.1253 | 0.50% |

Sequence No.: 66

Sample ID: CCB

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/4/2007 1:36:43 AM

Data Type: Reprocessed on 8/6/2007 8:18:26 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | 49.3 | 0.0003 mg/L | 0.00008 | 0.0003 mg/L | 0.00008 | 23.21% |
| Al 308.215 | 264.9 | 0.0071 mg/L | 0.00083 | 0.0071 mg/L | 0.00083 | 11.73% |
| As 188.979 | 1.6 | 0.0017 mg/L | 0.00292 | 0.0017 mg/L | 0.00292 | 168.86% |
| Ba 233.527 | 210.6 | 0.0020 mg/L | 0.00011 | 0.0020 mg/L | 0.00011 | 5.47% |
| Be 313.107 | 99.4 | 0.0000 mg/L | 0.00001 | 0.0000 mg/L | 0.00001 | 26.79% |
| Co 228.616 | 9.2 | 0.0003 mg/L | 0.00013 | 0.0003 mg/L | 0.00013 | 41.83% |
| Cr 267.716 | 7.2 | 0.0001 mg/L | 0.00000 | 0.0001 mg/L | 0.00000 | 2.53% |
| Cu 324.752 | 274.1 | 0.0008 mg/L | 0.00012 | 0.0008 mg/L | 0.00012 | 13.85% |
| Fe 273.955 | 1125.9 | 0.0294 mg/L | 0.00027 | 0.0294 mg/L | 0.00027 | 0.91% |
| Mg 279.077 | 178.3 | 0.0064 mg/L | 0.00483 | 0.0064 mg/L | 0.00483 | 75.93% |
| Mn 257.610 | 556.6 | 0.0008 mg/L | 0.00006 | 0.0008 mg/L | 0.00006 | 7.39% |
| Ni 231.604 | 11.8 | 0.0005 mg/L | 0.00039 | 0.0005 mg/L | 0.00039 | 76.70% |
| Pb 220.353 | 19.6 | 0.0035 mg/L | 0.00026 | 0.0035 mg/L | 0.00026 | 7.46% |
| Sb 206.836 | 0.8 | 0.0007 mg/L | 0.00109 | 0.0007 mg/L | 0.00109 | 162.53% |
| Se 196.026 | 2.3 | 0.0030 mg/L | 0.00210 | 0.0030 mg/L | 0.00210 | 71.04% |
| Tl 190.801 | -2.9 | -0.0020 mg/L | 0.00091 | -0.0020 mg/L | 0.00091 | 45.00% |

| | | | | | | |
|------------|-------|-------------|---------|-------------|---------|---------|
| V 292.402 | 26.1 | 0.0002 mg/L | 0.00007 | 0.0002 mg/L | 0.00007 | 32.78% |
| Zn 206.200 | 135.2 | 0.0049 mg/L | 0.00010 | 0.0049 mg/L | 0.00010 | 2.00% |
| Na 330.237 | 82.3 | 0.0538 mg/L | 0.00758 | 0.0538 mg/L | 0.00758 | 14.10% |
| Cd 226.502 | -1.7 | 0.0000 mg/L | 0.00004 | 0.0000 mg/L | 0.00004 | 106.92% |
| Ti 334.940 | 34.1 | 0.0000 mg/L | 0.00002 | 0.0000 mg/L | 0.00002 | 44.56% |
| Ca 227.546 | 21.3 | 0.0728 mg/L | 0.05854 | 0.0728 mg/L | 0.05854 | 80.37% |

Sequence No.: 67

Sample ID: F0936-12B,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 129

Date Collected: 8/4/2007 1:39:49 AM

Data Type: Reprocessed on 8/6/2007 8:18:26 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-12B,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|--------------|-------|----------|--------------|--------|----------|-------|
| Ag 328.068 | 16829.8 | -0.1138 mg/L | | 0.00187 | -0.1138 mg/L | | 0.00187 | 1.65% |
| Al 308.215 | 61590560.9 | 1656.4 mg/L | | 1.26 | 1656.4 mg/L | | 1.26 | 0.08% |
| As 188.979 | 172.2 | 0.2754 mg/L | | 0.00646 | 0.2754 mg/L | | 0.00646 | 2.35% |
| Ba 233.527 | 935004.6 | 8.6644 mg/L | | 0.03534 | 8.6644 mg/L | | 0.03534 | 0.41% |
| Be 313.107 | 379919.8 | 0.1443 mg/L | | 0.00055 | 0.1443 mg/L | | 0.00055 | 0.38% |
| Co 228.616 | 46569.4 | 1.6791 mg/L | | 0.00298 | 1.6791 mg/L | | 0.00298 | 0.18% |
| Cr 267.716 | 185018.8 | 3.3565 mg/L | | 0.00386 | 3.3565 mg/L | | 0.00386 | 0.12% |
| Cu 324.752 | 14536545.5 | 44.318 mg/L | | 0.2020 | 44.318 mg/L | | 0.2020 | 0.46% |
| Fe 273.955 | 54204348.0 | 1417.4 mg/L | | 0.44 | 1417.4 mg/L | | 0.44 | 0.03% |
| Mg 279.077 | 13270949.5 | 473.09 mg/L | | 0.293 | 473.09 mg/L | | 0.293 | 0.06% |
| Mn 257.610 | Saturated2 | | | | | | | |
| Ni 231.604 | 100007.0 | 4.3701 mg/L | | 0.00781 | 4.3701 mg/L | | 0.00781 | 0.18% |
| Pb 220.353 | 594841.5 | 106.01 mg/L | | 0.208 | 106.01 mg/L | | 0.208 | 0.20% |
| Sb 206.836 | -229.4 | -0.2109 mg/L | | 0.00410 | -0.2109 mg/L | | 0.00410 | 1.94% |
| Se 196.026 | -806.4 | -0.6017 mg/L | | 0.04197 | -0.6017 mg/L | | 0.04197 | 6.97% |
| Tl 190.801 | -396.5 | -0.0117 mg/L | | 0.00052 | -0.0117 mg/L | | 0.00052 | 4.40% |
| V 292.402 | 465091.3 | 4.0644 mg/L | | 0.01137 | 4.0644 mg/L | | 0.01137 | 0.28% |
| Zn 206.200 | 1825322.6 | 65.915 mg/L | | 0.1553 | 65.915 mg/L | | 0.1553 | 0.24% |
| Na 330.237 | 302239.2 | 195.51 mg/L | | 0.704 | 195.51 mg/L | | 0.704 | 0.36% |
| Cd 226.502 | 34659.0 | 0.5746 mg/L | | 0.00310 | 0.5746 mg/L | | 0.00310 | 0.54% |
| Ti 334.940 | 220244.8 | 0.2451 mg/L | | 0.00141 | 0.2451 mg/L | | 0.00141 | 0.58% |
| Ca 227.546 | 554675.8 | 1885.9 mg/L | | 9.16 | 1885.9 mg/L | | 9.16 | 0.49% |

Sequence No.: 68

Sample ID: F0936-12BDUP,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 130

Date Collected: 8/4/2007 1:42:53 AM

Data Type: Reprocessed on 8/6/2007 8:18:27 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-12BDUP,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|--------------|-------|----------|--------------|--------|----------|--------|
| Ag 328.068 | 15919.0 | -0.1202 mg/L | | 0.00246 | -0.1202 mg/L | | 0.00246 | 2.04% |
| Al 308.215 | 61749366.3 | 1660.7 mg/L | | 10.00 | 1660.7 mg/L | | 10.00 | 0.60% |
| As 188.979 | 179.1 | 0.2848 mg/L | | 0.02107 | 0.2848 mg/L | | 0.02107 | 7.40% |
| Ba 233.527 | 980852.1 | 9.0895 mg/L | | 0.03876 | 9.0895 mg/L | | 0.03876 | 0.43% |
| Be 313.107 | 385899.4 | 0.1465 mg/L | | 0.00125 | 0.1465 mg/L | | 0.00125 | 0.85% |
| Co 228.616 | 47105.6 | 1.6986 mg/L | | 0.00703 | 1.6986 mg/L | | 0.00703 | 0.41% |
| Cr 267.716 | 191137.0 | 3.4677 mg/L | | 0.05883 | 3.4677 mg/L | | 0.05883 | 1.70% |
| Cu 324.752 | 14671299.9 | 44.729 mg/L | | 0.0298 | 44.729 mg/L | | 0.0298 | 0.07% |
| Fe 273.955 | 54498568.9 | 1425.1 mg/L | | 0.90 | 1425.1 mg/L | | 0.90 | 0.06% |
| Mg 279.077 | 13404604.8 | 477.86 mg/L | | 0.403 | 477.86 mg/L | | 0.403 | 0.08% |
| Mn 257.610 | Saturated2 | | | | | | | |
| Ni 231.604 | 101921.1 | 4.4528 mg/L | | 0.07575 | 4.4528 mg/L | | 0.07575 | 1.70% |
| Pb 220.353 | 607995.8 | 108.35 mg/L | | 1.020 | 108.35 mg/L | | 1.020 | 0.94% |
| Sb 206.836 | -241.6 | -0.2240 mg/L | | 0.03617 | -0.2240 mg/L | | 0.03617 | 16.15% |
| Se 196.026 | -797.6 | -0.5890 mg/L | | 0.02592 | -0.5890 mg/L | | 0.02592 | 4.40% |
| Tl 190.801 | -344.6 | 0.0266 mg/L | | 0.00126 | 0.0266 mg/L | | 0.00126 | 4.76% |
| V 292.402 | 469501.0 | 4.1029 mg/L | | 0.06123 | 4.1029 mg/L | | 0.06123 | 1.49% |

| | | | | | | |
|------------|-----------|-------------|---------|-------------|---------|-------|
| Zn 206.200 | 1858502.7 | 67.114 mg/L | 0.3602 | 67.114 mg/L | 0.3602 | 0.54% |
| Na 330.237 | 306339.8 | 198.15 mg/L | 0.190 | 198.15 mg/L | 0.190 | 0.10% |
| Cd 226.502 | 35236.0 | 0.5850 mg/L | 0.00166 | 0.5850 mg/L | 0.00166 | 0.28% |
| Ti 334.940 | 222634.2 | 0.2478 mg/L | 0.00207 | 0.2478 mg/L | 0.00207 | 0.84% |
| Ca 227.546 | 561737.8 | 1910.2 mg/L | 9.38 | 1910.2 mg/L | 9.38 | 0.49% |

Sequence No.: 69

Sample ID: F0936-12BMS,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 24

Date Collected: 8/4/2007 1:45:56 AM

Data Type: Reprocessed on 8/6/2007 8:18:27 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-12BMS,31385

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------------|---------|--------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | 29796.9 | 0.0576 mg/L | 0.00011 | 0.0576 mg/L | 0.00011 | 0.19% | |
| Al 308.215 | 64176184.8 | 1726.0 mg/L | 4.80 | 1726.0 mg/L | 4.80 | 0.28% | |
| As 188.979 | -43.4 | 0.0529 mg/L | 0.00821 | 0.0529 mg/L | 0.00821 | 15.53% | |
| Ba 233.527 | 2279333.6 | 21.124 mg/L | 0.0901 | 21.124 mg/L | 0.0901 | 0.43% | |
| Be 313.107 | 516635.9 | 0.1957 mg/L | 0.00035 | 0.1957 mg/L | 0.00035 | 0.18% | |
| Co 228.616 | 62165.1 | 2.2101 mg/L | 0.01679 | 2.2101 mg/L | 0.01679 | 0.76% | |
| Cr 267.716 | 205722.4 | 3.7276 mg/L | 0.00475 | 3.7276 mg/L | 0.00475 | 0.13% | |
| Cu 324.752 | 15603407.8 | 47.571 mg/L | 0.0624 | 47.571 mg/L | 0.0624 | 0.13% | |
| Fe 273.955 | 50499736.0 | 1322.4 mg/L | 0.80 | 1322.4 mg/L | 0.80 | 0.06% | |
| Mg 279.077 | 14826318.1 | 528.65 mg/L | 0.259 | 528.65 mg/L | 0.259 | 0.05% | |
| Mn 257.610 | Saturated2 | | | | | | |
| Ni 231.604 | 124342.2 | 5.4173 mg/L | 0.01358 | 5.4173 mg/L | 0.01358 | 0.25% | |
| Pb 220.353 | 678205.3 | 120.85 mg/L | 0.417 | 120.85 mg/L | 0.417 | 0.35% | |
| Sb 206.836 | -182.8 | -0.1937 mg/L | 0.00036 | -0.1937 mg/L | 0.00036 | 0.19% | |
| Se 196.026 | -555.1 | -0.3181 mg/L | 0.02111 | -0.3181 mg/L | 0.02111 | 6.64% | |
| Tl 190.801 | -210.0 | 0.0904 mg/L | 0.02892 | 0.0904 mg/L | 0.02892 | 31.99% | |
| V 292.402 | -5313.2 | -0.0225 mg/L | 0.00047 | -0.0225 mg/L | 0.00047 | 2.08% | |
| Zn 206.200 | 2092075.5 | 75.551 mg/L | 0.2925 | 75.551 mg/L | 0.2925 | 0.39% | |
| Na 330.237 | 327751.4 | 211.90 mg/L | 0.730 | 211.90 mg/L | 0.730 | 0.34% | |
| Cd 226.502 | 33759.4 | 0.5635 mg/L | 0.00106 | 0.5635 mg/L | 0.00106 | 0.19% | |
| Ti 334.940 | 120512.3 | 0.1454 mg/L | 0.00176 | 0.1454 mg/L | 0.00176 | 1.21% | |
| Ca 227.546 | 582832.6 | 1985.3 mg/L | 7.00 | 1985.3 mg/L | 7.00 | 0.35% | |

Sequence No.: 70

Sample ID: F0936-12BSD,31385

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 131

Date Collected: 8/4/2007 1:48:59 AM

Data Type: Reprocessed on 8/6/2007 8:18:28 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-12BSD,31385

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------------|---------|--------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Ag 328.068 | 4927.6 | -0.1603 mg/L | 0.00089 | -0.1603 mg/L | 0.00089 | 0.56% | |
| Al 308.215 | 21984080.7 | 591.24 mg/L | 5.306 | 591.24 mg/L | 5.306 | 0.90% | |
| As 188.979 | 29.5 | 0.0532 mg/L | 0.02150 | 0.0532 mg/L | 0.02150 | 40.39% | |
| Ba 233.527 | 344442.2 | 3.1885 mg/L | 0.03175 | 3.1885 mg/L | 0.03175 | 1.00% | |
| Be 313.107 | 124658.4 | 0.0473 mg/L | 0.00065 | 0.0473 mg/L | 0.00065 | 1.36% | |
| Co 228.616 | 17212.5 | 0.6033 mg/L | 0.01232 | 0.6033 mg/L | 0.01232 | 2.04% | |
| Cr 267.716 | 60578.3 | 1.0843 mg/L | 0.01645 | 1.0843 mg/L | 0.01645 | 1.52% | |
| Cu 324.752 | 3779288.8 | 11.516 mg/L | 0.1389 | 11.516 mg/L | 0.1389 | 1.21% | |
| Fe 273.955 | 36481252.7 | 947.96 mg/L | 5.553 | 947.96 mg/L | 5.553 | 0.59% | |
| Mg 279.077 | 4954780.9 | 176.69 mg/L | 1.651 | 176.69 mg/L | 1.651 | 0.93% | |
| Mn 257.610 | 15103322.2 | 21.688 mg/L | 0.1840 | 21.688 mg/L | 0.1840 | 0.85% | |
| Ni 231.604 | 36541.8 | 1.5915 mg/L | 0.03214 | 1.5915 mg/L | 0.03214 | 2.02% | |
| Pb 220.353 | 229899.0 | 40.962 mg/L | 0.4576 | 40.962 mg/L | 0.4576 | 1.12% | |
| Sb 206.836 | -118.0 | -0.0839 mg/L | 0.00682 | -0.0839 mg/L | 0.00682 | 8.13% | |
| Se 196.026 | -211.3 | 0.0420 mg/L | 0.00912 | 0.0420 mg/L | 0.00912 | 21.74% | |
| Tl 190.801 | -95.6 | 0.1754 mg/L | 0.01426 | 0.1754 mg/L | 0.01426 | 8.13% | |
| V 292.402 | 146266.5 | 1.2888 mg/L | 0.02063 | 1.2888 mg/L | 0.02063 | 1.60% | |
| Zn 206.200 | 885683.4 | 31.988 mg/L | 0.3158 | 31.988 mg/L | 0.3158 | 0.99% | |

| | | | | | | |
|------------|----------|-------------|---------|-------------|---------|-------|
| Na 330.237 | 77994.2 | 51.126 mg/L | 0.4758 | 51.126 mg/L | 0.4758 | 0.93% |
| Cd 226.502 | 10878.1 | 0.1528 mg/L | 0.00015 | 0.1528 mg/L | 0.00015 | 0.10% |
| Ti 334.940 | 73527.4 | 0.0800 mg/L | 0.00156 | 0.0800 mg/L | 0.00156 | 1.95% |
| Ca 227.546 | 139941.2 | 463.27 mg/L | 6.010 | 463.27 mg/L | 6.010 | 1.30% |

Sequence No.: 71
 Sample ID: F0936-12BPDS,31385
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 25
 Date Collected: 8/4/2007 1:51:49 AM
 Data Type: Reprocessed on 8/6/2007 8:18:28 AM
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0936-12BPDS,31385

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Ag 328.068 | 22556.1 | -0.0775 mg/L | 0.00455 | -0.0775 mg/L | 0.00455 | 5.87% |
| Al 308.215 | 62296390.9 | 1675.4 mg/L | 2.76 | 1675.4 mg/L | 2.76 | 0.16% |
| As 188.979 | 163.3 | 0.2678 mg/L | 0.02534 | 0.2678 mg/L | 0.02534 | 9.46% |
| Ba 233.527 | 1084343.0 | 10.049 mg/L | 0.0720 | 10.049 mg/L | 0.0720 | 0.72% |
| Be 313.107 | 406342.5 | 0.1543 mg/L | 0.00105 | 0.1543 mg/L | 0.00105 | 0.68% |
| Co 228.616 | 49766.3 | 1.7899 mg/L | 0.00371 | 1.7899 mg/L | 0.00371 | 0.21% |
| Cr 267.716 | 188792.0 | 3.4251 mg/L | 0.00929 | 3.4251 mg/L | 0.00929 | 0.27% |
| Cu 324.752 | 14835768.7 | 45.230 mg/L | 0.3897 | 45.230 mg/L | 0.3897 | 0.86% |
| Fe 273.955 | 54898818.5 | 1435.7 mg/L | 1.25 | 1435.7 mg/L | 1.25 | 0.09% |
| Mg 279.077 | 13731394.9 | 489.52 mg/L | 1.099 | 489.52 mg/L | 1.099 | 0.22% |
| Mn 257.610 | Saturated2 | | | | | |
| Ni 231.604 | 104957.2 | 4.5840 mg/L | 0.01597 | 4.5840 mg/L | 0.01597 | 0.35% |
| Pb 220.353 | 619597.8 | 110.41 mg/L | 0.698 | 110.41 mg/L | 0.698 | 0.63% |
| Sb 206.836 | -117.9 | -0.1167 mg/L | 0.03688 | -0.1167 mg/L | 0.03688 | 31.61% |
| Se 196.026 | -727.1 | -0.4961 mg/L | 0.03331 | -0.4961 mg/L | 0.03331 | 6.71% |
| Tl 190.801 | -296.0 | 0.0625 mg/L | 0.01557 | 0.0625 mg/L | 0.01557 | 24.93% |
| V 292.402 | 490202.2 | 4.2828 mg/L | 0.01743 | 4.2828 mg/L | 0.01743 | 0.41% |
| Zn 206.200 | 1894089.9 | 68.399 mg/L | 0.3231 | 68.399 mg/L | 0.3231 | 0.47% |
| Na 330.237 | 327823.7 | 212.17 mg/L | 2.885 | 212.17 mg/L | 2.885 | 1.36% |
| Cd 226.502 | 35777.5 | 0.5946 mg/L | 0.01057 | 0.5946 mg/L | 0.01057 | 1.78% |
| Ti 334.940 | 248754.4 | 0.2746 mg/L | 0.00219 | 0.2746 mg/L | 0.00219 | 0.80% |
| Ca 227.546 | 570830.2 | 1941.3 mg/L | 20.37 | 1941.3 mg/L | 20.37 | 1.05% |

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Sequence No.: 72
 Sample ID: ACID BLK
 Analyst:
 Logged In Analyst (Original) : optima3
 Initial Sample Wt:
 Dilution:

Autosampler Location: 31
 Date Collected: 8/4/2007 1:54:52 AM
 Data Type: Reprocessed on 8/6/2007 8:18:29 AM
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: ACID BLK

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | 250.7 | 0.0015 mg/L | 0.00009 | 0.0015 mg/L | 0.00009 | 6.29% |
| Al 308.215 | 10795.0 | 0.2903 mg/L | 0.02793 | 0.2903 mg/L | 0.02793 | 9.62% |
| As 188.979 | -1.8 | -0.0019 mg/L | 0.00306 | -0.0019 mg/L | 0.00306 | 157.26% |
| Ba 233.527 | 350.6 | 0.0032 mg/L | 0.00008 | 0.0032 mg/L | 0.00008 | 2.35% |
| Be 313.107 | 167.9 | 0.0001 mg/L | 0.00000 | 0.0001 mg/L | 0.00000 | 0.57% |
| Co 228.616 | 15.6 | 0.0005 mg/L | 0.00001 | 0.0005 mg/L | 0.00001 | 2.73% |
| Cr 267.716 | 44.7 | 0.0008 mg/L | 0.00002 | 0.0008 mg/L | 0.00002 | 2.89% |
| Cu 324.752 | 5947.7 | 0.0181 mg/L | 0.00001 | 0.0181 mg/L | 0.00001 | 0.03% |
| Fe 273.955 | 34348.8 | 0.8906 mg/L | 0.06097 | 0.8906 mg/L | 0.06097 | 6.85% |
| Mg 279.077 | 3161.1 | 0.1126 mg/L | 0.01442 | 0.1126 mg/L | 0.01442 | 12.80% |
| Mn 257.610 | 11056.5 | 0.0159 mg/L | 0.00196 | 0.0159 mg/L | 0.00196 | 12.33% |
| Ni 231.604 | 42.3 | 0.0018 mg/L | 0.00006 | 0.0018 mg/L | 0.00006 | 3.15% |
| Pb 220.353 | 2340.8 | 0.4167 mg/L | 0.03335 | 0.4167 mg/L | 0.03335 | 8.00% |
| Sb 206.836 | 1.3 | 0.0011 mg/L | 0.00110 | 0.0011 mg/L | 0.00110 | 101.49% |
| Se 196.026 | 0.6 | 0.0010 mg/L | 0.00693 | 0.0010 mg/L | 0.00693 | 673.06% |
| Tl 190.801 | -3.5 | -0.0022 mg/L | 0.00144 | -0.0022 mg/L | 0.00144 | 65.06% |
| V 292.402 | 90.5 | 0.0008 mg/L | 0.00007 | 0.0008 mg/L | 0.00007 | 8.80% |
| Zn 206.200 | 5389.1 | 0.1947 mg/L | 0.01581 | 0.1947 mg/L | 0.01581 | 8.12% |
| Na 330.237 | 414.3 | 0.2715 mg/L | 0.04735 | 0.2715 mg/L | 0.04735 | 17.44% |

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| | | | | | | |
|------------|-------|-------------|---------|-------------|---------|--------|
| Cd 226.502 | 17.8 | 0.0003 mg/L | 0.00002 | 0.0003 mg/L | 0.00002 | 5.60% |
| Ti 334.940 | 317.4 | 0.0003 mg/L | 0.00010 | 0.0003 mg/L | 0.00010 | 29.72% |
| Ca 227.546 | 93.8 | 0.3049 mg/L | 0.03006 | 0.3049 mg/L | 0.03006 | 9.86% |

Sequence No.: 73

Sample ID: ACID BLK

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 31

Date Collected: 8/4/2007 1:57:57 AM

Data Type: Reprocessed on 8/6/2007 8:18:29 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ACID BLK

| Analyte | Mean Corrected Intensity | Conc. | Calib Units | Std.Dev. | Conc. Units | Sample Std.Dev. | RSD |
|------------|--------------------------|---------|-------------|----------|-------------|-----------------|---------|
| Ag 328.068 | 201.7 | 0.0013 | mg/L | 0.00016 | 0.0013 | 0.00016 | 11.89% |
| Al 308.215 | 3102.4 | 0.0834 | mg/L | 0.00217 | 0.0834 | 0.00217 | 2.60% |
| As 188.979 | 0.9 | 0.0010 | mg/L | 0.00014 | 0.0010 | 0.00014 | 118.57% |
| Ba 233.527 | 199.0 | 0.0018 | mg/L | 0.00021 | 0.0018 | 0.00021 | 11.19% |
| Be 313.107 | 78.5 | 0.0000 | mg/L | 0.00001 | 0.0000 | 0.00001 | 35.21% |
| Co 228.616 | 10.5 | 0.0004 | mg/L | 0.00005 | 0.0004 | 0.00005 | 14.84% |
| Cr 267.716 | 20.6 | 0.0004 | mg/L | 0.00007 | 0.0004 | 0.00007 | 18.50% |
| Cu 324.752 | 3994.5 | 0.0122 | mg/L | 0.00035 | 0.0122 | 0.00035 | 2.85% |
| Fe 273.955 | 10141.8 | 0.2634 | mg/L | 0.00468 | 0.2634 | 0.00468 | 1.78% |
| Mg 279.077 | 863.9 | 0.0308 | mg/L | 0.00078 | 0.0308 | 0.00078 | 2.54% |
| Mn 257.610 | 3578.7 | 0.0051 | mg/L | 0.00010 | 0.0051 | 0.00010 | 1.93% |
| Ni 231.604 | 19.6 | 0.0008 | mg/L | 0.00015 | 0.0008 | 0.00015 | 18.22% |
| Pb 220.353 | 1222.4 | 0.2176 | mg/L | 0.01068 | 0.2176 | 0.01068 | 4.91% |
| Sb 206.836 | 1.2 | 0.0010 | mg/L | 0.00219 | 0.0010 | 0.00219 | 209.97% |
| Se 196.026 | 3.8 | 0.0050 | mg/L | 0.00250 | 0.0050 | 0.00250 | 50.28% |
| Tl 190.801 | -4.4 | -0.0030 | mg/L | 0.00312 | -0.0030 | 0.00312 | 104.33% |
| V 292.402 | 23.8 | 0.0002 | mg/L | 0.00005 | 0.0002 | 0.00005 | 23.73% |
| Zn 206.200 | 2656.5 | 0.0960 | mg/L | 0.00554 | 0.0960 | 0.00554 | 5.77% |
| Na 330.237 | 251.6 | 0.1646 | mg/L | 0.05985 | 0.1646 | 0.05985 | 36.36% |
| Cd 226.502 | 1.4 | 0.0000 | mg/L | 0.00006 | 0.0000 | 0.00006 | 497.08% |
| Ti 334.940 | 205.6 | 0.0002 | mg/L | 0.00011 | 0.0002 | 0.00011 | 54.70% |
| Ca 227.546 | 56.3 | 0.1888 | mg/L | 0.03686 | 0.1888 | 0.03686 | 19.53% |

Sequence No.: 74

Sample ID: CRI

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 7

Date Collected: 8/4/2007 2:01:02 AM

Data Type: Reprocessed on 8/6/2007 8:18:30 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CRI

| Analyte | Mean Corrected Intensity | Conc. | Calib Units | Std.Dev. | Conc. Units | Sample Std.Dev. | RSD |
|------------|--------------------------|--------|-------------|----------|-------------|-----------------|--------|
| Ag 328.068 | 1665.3 | 0.0108 | mg/L | 0.00011 | 0.0108 | 0.00011 | 1.01% |
| Al 308.215 | 13601.3 | 0.3654 | mg/L | 0.09967 | 0.3654 | 0.09967 | 27.27% |
| As 188.979 | 7.2 | 0.0080 | mg/L | 0.00047 | 0.0080 | 0.00047 | 5.92% |
| Ba 233.527 | 24144.3 | 0.2239 | mg/L | 0.00420 | 0.2239 | 0.00420 | 1.88% |
| Be 313.107 | 13593.8 | 0.0051 | mg/L | 0.00006 | 0.0051 | 0.00006 | 1.15% |
| Co 228.616 | 1606.9 | 0.0543 | mg/L | 0.00060 | 0.0543 | 0.00060 | 1.11% |
| Cr 267.716 | 599.4 | 0.0109 | mg/L | 0.00012 | 0.0109 | 0.00012 | 1.07% |
| Cu 324.752 | 11334.1 | 0.0347 | mg/L | 0.00080 | 0.0347 | 0.00080 | 2.31% |
| Fe 273.955 | 33482.5 | 0.8927 | mg/L | 0.16542 | 0.8927 | 0.16542 | 18.53% |
| Mg 279.077 | 151166.1 | 5.3961 | mg/L | 0.09858 | 5.3961 | 0.09858 | 1.83% |
| Mn 257.610 | 21879.1 | 0.0314 | mg/L | 0.00274 | 0.0314 | 0.00274 | 8.72% |
| Ni 231.604 | 1031.6 | 0.0443 | mg/L | 0.00068 | 0.0443 | 0.00068 | 1.54% |
| Pb 220.353 | 463.3 | 0.0826 | mg/L | 0.00001 | 0.0826 | 0.00001 | 0.02% |
| Sb 206.836 | 78.3 | 0.0659 | mg/L | 0.00108 | 0.0659 | 0.00108 | 1.64% |
| Se 196.026 | 31.4 | 0.0405 | mg/L | 0.00276 | 0.0405 | 0.00276 | 6.82% |
| Tl 190.801 | 35.0 | 0.0248 | mg/L | 0.00145 | 0.0248 | 0.00145 | 5.83% |
| V 292.402 | 5937.2 | 0.0516 | mg/L | 0.00101 | 0.0516 | 0.00101 | 1.95% |
| Zn 206.200 | 2988.4 | 0.1080 | mg/L | 0.00174 | 0.1080 | 0.00174 | 1.61% |
| Na 330.237 | 6151.1 | 4.0164 | mg/L | 0.00142 | 4.0164 | 0.00142 | 0.04% |
| Cd 226.502 | 290.5 | 0.0054 | mg/L | 0.00001 | 0.0054 | 0.00001 | 0.15% |

| | | | | | | |
|------------|--------|-------------|---------|-------------|---------|---------|
| Ti 334.940 | -8.9 | 0.0000 mg/L | 0.00005 | 0.0000 mg/L | 0.00005 | 104.09% |
| Ca 227.546 | 1450.5 | 4.9894 mg/L | 0.02074 | 4.9894 mg/L | 0.02074 | 0.42% |

Sequence No.: 75

Sample ID: ICSA

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 5

Date Collected: 8/4/2007 2:04:06 AM

Data Type: Reprocessed on 8/6/2007 8:18:30 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICSA

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|--|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | -183.2 | -0.0032 mg/L | 0.00019 | -0.0032 mg/L | 0.00019 | 6.11% |
| Al 308.215 | 16386147.4 | 440.70 mg/L | 1.481 | 440.70 mg/L | 1.481 | 0.34% |
| As 188.979 | -13.9 | -0.0052 mg/L | 0.00128 | -0.0052 mg/L | 0.00128 | 24.71% |
| Ba 233.527 | 399.5 | 0.0025 mg/L | 0.00001 | 0.0025 mg/L | 0.00001 | 0.52% |
| Be 313.107 | 192.3 | 0.0001 mg/L | 0.00000 | 0.0001 mg/L | 0.00000 | 6.59% |
| Co 228.616 | 108.8 | 0.0334 mg/L | 0.00002 | 0.0334 mg/L | 0.00002 | 0.07% |
| Cr 267.716 | -122.2 | -0.0073 mg/L | 0.00002 | -0.0073 mg/L | 0.00002 | 0.26% |
| Cu 324.752 | -3971.1 | 0.0004 mg/L | 0.00024 | 0.0004 mg/L | 0.00024 | 53.30% |
| Fe 273.955 | 6389966.3 | 169.68 mg/L | 0.616 | 169.68 mg/L | 0.616 | 0.36% |
| Mg 279.077 | 12152403.5 | 433.72 mg/L | 1.056 | 433.72 mg/L | 1.056 | 0.24% |
| Mn 257.610 | 4478.9 | 0.0064 mg/L | 0.00046 | 0.0064 mg/L | 0.00046 | 7.12% |
| Saturated outside survey window (code 6) | | | | | | |
| Ni 231.604 | 51.1 | 0.0237 mg/L | 0.00004 | 0.0237 mg/L | 0.00004 | 0.18% |
| Pb 220.353 | 32.1 | 0.0376 mg/L | 0.00021 | 0.0376 mg/L | 0.00021 | 0.57% |
| Sb 206.836 | -14.4 | 0.0017 mg/L | 0.01420 | 0.0017 mg/L | 0.01420 | 846.98% |
| Se 196.026 | -21.2 | 0.0112 mg/L | 0.00074 | 0.0112 mg/L | 0.00074 | 6.57% |
| Tl 190.801 | -22.3 | 0.0033 mg/L | 0.00325 | 0.0033 mg/L | 0.00325 | 99.38% |
| V 292.402 | -505.9 | -0.0016 mg/L | 0.00002 | -0.0016 mg/L | 0.00002 | 1.34% |
| Zn 206.200 | 934.9 | 0.0288 mg/L | 0.00002 | 0.0288 mg/L | 0.00002 | 0.08% |
| Na 330.237 | 792.7 | -0.2558 mg/L | 0.05695 | -0.2558 mg/L | 0.05695 | 22.26% |
| Cd 226.502 | 493.7 | 0.0002 mg/L | 0.00019 | 0.0002 mg/L | 0.00019 | 109.57% |
| Ti 334.940 | -5492.8 | 0.0001 mg/L | 0.00008 | 0.0001 mg/L | 0.00008 | 83.52% |
| Ca 227.546 | 136902.6 | 469.42 mg/L | 0.960 | 469.42 mg/L | 0.960 | 0.20% |

Sequence No.: 76

Sample ID: ICSAB

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 6

Date Collected: 8/4/2007 2:07:21 AM

Data Type: Reprocessed on 8/6/2007 8:18:31 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Ag 328.068 | 28633.1 | 0.1869 mg/L | 0.00215 | 0.1869 mg/L | 0.00215 | 1.15% |
| Al 308.215 | 16396787.7 | 440.98 mg/L | 0.717 | 440.98 mg/L | 0.717 | 0.16% |
| As 188.979 | 69.8 | 0.0915 mg/L | 0.00267 | 0.0915 mg/L | 0.00267 | 2.92% |
| Ba 233.527 | 51315.8 | 0.4752 mg/L | 0.00355 | 0.4752 mg/L | 0.00355 | 0.75% |
| Be 313.107 | 1148001.5 | 0.4343 mg/L | 0.00378 | 0.4343 mg/L | 0.00378 | 0.87% |
| Co 228.616 | 12390.4 | 0.4463 mg/L | 0.00157 | 0.4463 mg/L | 0.00157 | 0.35% |
| Cr 267.716 | 24061.8 | 0.4322 mg/L | 0.00373 | 0.4322 mg/L | 0.00373 | 0.86% |
| Cu 324.752 | 148611.3 | 0.4654 mg/L | 0.00323 | 0.4654 mg/L | 0.00323 | 0.69% |
| Fe 273.955 | 6403420.8 | 170.06 mg/L | 0.403 | 170.06 mg/L | 0.403 | 0.24% |
| Mg 279.077 | 12160377.2 | 434.01 mg/L | 0.808 | 434.01 mg/L | 0.808 | 0.19% |
| Mn 257.610 | 319061.8 | 0.4582 mg/L | 0.00260 | 0.4582 mg/L | 0.00260 | 0.57% |
| Ni 231.604 | 19014.3 | 0.8366 mg/L | 0.00536 | 0.8366 mg/L | 0.00536 | 0.64% |
| Pb 220.353 | 253.1 | 0.0770 mg/L | 0.00164 | 0.0770 mg/L | 0.00164 | 2.13% |
| Sb 206.836 | 691.4 | 0.5825 mg/L | 0.00550 | 0.5825 mg/L | 0.00550 | 0.94% |
| Se 196.026 | 9.5 | 0.0505 mg/L | 0.00221 | 0.0505 mg/L | 0.00221 | 4.37% |
| Tl 190.801 | 103.4 | 0.0918 mg/L | 0.00020 | 0.0918 mg/L | 0.00020 | 0.22% |
| V 292.402 | 50595.4 | 0.4430 mg/L | 0.00355 | 0.4430 mg/L | 0.00355 | 0.80% |
| Zn 206.200 | 24668.0 | 0.8883 mg/L | 0.00537 | 0.8883 mg/L | 0.00537 | 0.60% |
| Na 330.237 | 1697.3 | 0.3179 mg/L | 0.03306 | 0.3179 mg/L | 0.03306 | 10.40% |
| Cd 226.502 | 45797.6 | 0.8497 mg/L | 0.00624 | 0.8497 mg/L | 0.00624 | 0.73% |

| | | | | | | |
|------------|----------|-------------|---------|-------------|---------|---------|
| Ti 334.940 | -5565.9 | 0.0001 mg/L | 0.00011 | 0.0001 mg/L | 0.00011 | 204.81% |
| Ca 227.546 | 138851.0 | 476.10 mg/L | 3.460 | 476.10 mg/L | 3.460 | 0.73% |

Sequence No.: 77

Sample ID: CCV

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/4/2007 2:10:35 AM

Data Type: Reprocessed on 8/6/2007 8:18:31 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Ag 328.068 | 181015.2 | 1.1941 mg/L | 0.00503 | 1.1941 mg/L | 0.00503 | 0.42% |
| Al 308.215 | 364196.9 | 9.7749 mg/L | 0.03559 | 9.7749 mg/L | 0.03559 | 0.36% |
| As 188.979 | 470.8 | 0.5214 mg/L | 0.00076 | 0.5214 mg/L | 0.00076 | 0.15% |
| Ba 233.527 | 1150749.6 | 10.673 mg/L | 0.0632 | 10.673 mg/L | 0.0632 | 0.59% |
| Be 313.107 | 679472.4 | 0.2572 mg/L | 0.00141 | 0.2572 mg/L | 0.00141 | 0.55% |
| Co 228.616 | 77594.8 | 2.6079 mg/L | 0.01846 | 2.6079 mg/L | 0.01846 | 0.71% |
| Cr 267.716 | 56640.8 | 1.0287 mg/L | 0.00268 | 1.0287 mg/L | 0.00268 | 0.26% |
| Cu 324.752 | 410250.8 | 1.2503 mg/L | 0.00829 | 1.2503 mg/L | 0.00829 | 0.66% |
| Fe 273.955 | 204844.8 | 5.4708 mg/L | 0.10453 | 5.4708 mg/L | 0.10453 | 1.91% |
| Mg 279.077 | 732678.4 | 26.185 mg/L | 0.1191 | 26.185 mg/L | 0.1191 | 0.45% |
| Mn 257.610 | 1814644.1 | 2.6058 mg/L | 0.00978 | 2.6058 mg/L | 0.00978 | 0.38% |
| Ni 231.604 | 61067.3 | 2.6180 mg/L | 0.00939 | 2.6180 mg/L | 0.00939 | 0.36% |
| Pb 220.353 | 3121.9 | 0.5564 mg/L | 0.00094 | 0.5564 mg/L | 0.00094 | 0.17% |
| Sb 206.836 | 598.6 | 0.4746 mg/L | 0.00501 | 0.4746 mg/L | 0.00501 | 1.06% |
| Se 196.026 | 397.4 | 0.5123 mg/L | 0.00422 | 0.5123 mg/L | 0.00422 | 0.82% |
| Tl 190.801 | 737.7 | 0.5200 mg/L | 0.00054 | 0.5200 mg/L | 0.00054 | 0.10% |
| V 292.402 | 296507.1 | 2.5772 mg/L | 0.02073 | 2.5772 mg/L | 0.02073 | 0.80% |
| Zn 206.200 | 74972.1 | 2.7135 mg/L | 0.01057 | 2.7135 mg/L | 0.01057 | 0.39% |
| Na 330.237 | 36444.5 | 23.789 mg/L | 0.0299 | 23.789 mg/L | 0.0299 | 0.13% |
| Cd 226.502 | 13690.7 | 0.2575 mg/L | 0.00081 | 0.2575 mg/L | 0.00081 | 0.31% |
| Ti 334.940 | 534.6 | 0.0007 mg/L | 0.00005 | 0.0007 mg/L | 0.00005 | 6.66% |
| Ca 227.546 | 7324.8 | 25.023 mg/L | 0.0101 | 25.023 mg/L | 0.0101 | 0.04% |

Sequence No.: 78

Sample ID: CCB

Analyst:

Logged In Analyst (Original) : optima3

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/4/2007 2:13:47 AM

Data Type: Reprocessed on 8/6/2007 8:18:32 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|---|--------------------------|-------------------|----------|--------------------|----------|---------|
| Ag 328.068 | 66.0 | 0.0004 mg/L | 0.00034 | 0.0004 mg/L | 0.00034 | 80.25% |
| Al 308.215 | 3665.5 | 0.0986 mg/L | 0.11295 | 0.0986 mg/L | 0.11295 | 114.58% |
| As 188.979 | 1.8 | 0.0020 mg/L | 0.00062 | 0.0020 mg/L | 0.00062 | 31.86% |
| Ba 233.527 | 201.3 | 0.0019 mg/L | 0.00029 | 0.0019 mg/L | 0.00029 | 15.50% |
| Be 313.107 | 205.6 | 0.0001 mg/L | 0.00003 | 0.0001 mg/L | 0.00003 | 40.37% |
| Co 228.616 | 9.5 | 0.0003 mg/L | 0.00001 | 0.0003 mg/L | 0.00001 | 2.27% |
| Cr 267.716 | 18.0 | 0.0003 mg/L | 0.00001 | 0.0003 mg/L | 0.00001 | 4.58% |
| Cu 324.752 | 1479.6 | 0.0045 mg/L | 0.00282 | 0.0045 mg/L | 0.00282 | 62.62% |
| Fe 273.955 | 4756.0 | 0.1242 mg/L | 0.01879 | 0.1242 mg/L | 0.01879 | 15.13% |
| Saturated within auto integration window (code 4) | | | | | | |
| Mg 279.077 | 2194.6 | 0.0783 mg/L | 0.07520 | 0.0783 mg/L | 0.07520 | 96.02% |
| Mn 257.610 | 2002.8 | 0.0029 mg/L | 0.00062 | 0.0029 mg/L | 0.00062 | 21.59% |
| Saturated within auto integration window (code 4) | | | | | | |
| Ni 231.604 | 13.7 | 0.0006 mg/L | 0.00020 | 0.0006 mg/L | 0.00020 | 33.38% |
| Pb 220.353 | 134.2 | 0.0239 mg/L | 0.00196 | 0.0239 mg/L | 0.00196 | 8.20% |
| Sb 206.836 | 0.7 | 0.0006 mg/L | 0.00309 | 0.0006 mg/L | 0.00309 | 503.06% |
| Se 196.026 | 0.8 | 0.0010 mg/L | 0.00163 | 0.0010 mg/L | 0.00163 | 159.10% |
| Tl 190.801 | -2.8 | -0.0020 mg/L | 0.00131 | -0.0020 mg/L | 0.00131 | 66.46% |
| V 292.402 | 33.9 | 0.0003 mg/L | 0.00059 | 0.0003 mg/L | 0.00059 | 200.11% |
| Zn 206.200 | 589.3 | 0.0213 mg/L | 0.00141 | 0.0213 mg/L | 0.00141 | 6.64% |
| Na 330.237 | 90.5 | 0.0590 mg/L | 0.02588 | 0.0590 mg/L | 0.02588 | 43.83% |

| | | | | | | |
|------------|------|-------------|---------|-------------|---------|---------|
| Cd 226.502 | 7.0 | 0.0001 mg/L | 0.00000 | 0.0001 mg/L | 0.00000 | 3.94% |
| Ti 334.940 | 48.6 | 0.0001 mg/L | 0.00010 | 0.0001 mg/L | 0.00010 | 200.89% |
| Ca 227.546 | 48.0 | 0.1633 mg/L | 0.01233 | 0.1633 mg/L | 0.01233 | 7.55% |

Sequence No.: 79

Autosampler Location: 132

Sample ID: F0981-01B,31385

Date Collected: 8/4/2007 2:16:53 AM

Analyst:

Data Type: Reprocessed on 8/6/2007 8:18:32 AM

Logged In Analyst (Original) : optima3

Initial Sample Vol:

Initial Sample Wt:

Sample Prep Vol:

Dilution:

Mean Data: F0981-01B,31385

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD | |
|------------|----------------|---------|----------------------|----------|---------|-------|---------|----------|
| | Intensity | Conc. | | | Conc. | Units | | Std.Dev. |
| Ag 328.068 | 10634.4 | -0.1099 | mg/L | 0.00003 | -0.1099 | mg/L | 0.00003 | 0.03% |
| Al 308.215 | 20434799.5 | 549.57 | mg/L | 2.095 | 549.57 | mg/L | 2.095 | 0.38% |
| As 188.979 | 689.0 | 0.7833 | mg/L | 0.00961 | 0.7833 | mg/L | 0.00961 | 1.23% |
| Ba 233.527 | 1860896.1 | 17.248 | mg/L | 0.0673 | 17.248 | mg/L | 0.0673 | 0.39% |
| Be 313.107 | 123728.5 | 0.0536 | mg/L | 0.00002 | 0.0536 | mg/L | 0.00002 | 0.05% |
| Co 228.616 | 17356.7 | 0.6436 | mg/L | 0.00398 | 0.6436 | mg/L | 0.00398 | 0.62% |
| Cr 267.716 | 96653.0 | 1.7419 | mg/L | 0.00307 | 1.7419 | mg/L | 0.00307 | 0.18% |
| Cu 324.752 | 3936528.2 | 12.015 | mg/L | 0.0696 | 12.015 | mg/L | 0.0696 | 0.58% |
| Fe 273.955 | 43309077.9 | 1127.1 | mg/L | 2.26 | 1127.1 | mg/L | 2.26 | 0.20% |
| Mg 279.077 | 4840699.6 | 172.55 | mg/L | 0.528 | 172.55 | mg/L | 0.528 | 0.31% |
| Mn 257.610 | 15803526.3 | 22.693 | mg/L | 0.0814 | 22.693 | mg/L | 0.0814 | 0.36% |
| Ni 231.604 | 33773.3 | 1.4871 | mg/L | 0.01664 | 1.4871 | mg/L | 0.01664 | 1.12% |
| Pb 220.353 | 519527.7 | 92.530 | mg/L | 0.1482 | 92.530 | mg/L | 0.1482 | 0.16% |
| Sb 206.836 | -203.3 | -0.1449 | mg/L | 0.01213 | -0.1449 | mg/L | 0.01213 | 8.37% |
| Se 196.026 | -277.9 | -0.0345 | mg/L | 0.00148 | -0.0345 | mg/L | 0.00148 | 4.28% |
| Tl 190.801 | -154.8 | 0.1865 | mg/L | 0.01737 | 0.1865 | mg/L | 0.01737 | 9.31% |
| V 292.402 | 190884.2 | 1.6800 | mg/L | 0.00255 | 1.6800 | mg/L | 0.00255 | 0.15% |
| Zn 206.200 | 1470107.4 | 53.100 | mg/L | 0.1470 | 53.100 | mg/L | 0.1470 | 0.28% |
| Na 330.237 | 115580.3 | 75.254 | mg/L | 0.8392 | 75.254 | mg/L | 0.8392 | 1.12% |
| Cd 226.502 | 13339.0 | 0.1891 | mg/L | 0.00148 | 0.1891 | mg/L | 0.00148 | 0.78% |
| Ti 334.940 | 3680424.1 | 3.7346 | mg/L | 0.01009 | 3.7346 | mg/L | 0.01009 | 0.27% |
| Ca 227.546 | 349804.8 | 1184.6 | mg/L | 6.21 | 1184.6 | mg/L | 6.21 | 0.52% |

Sequence No.: 80

Autosampler Location: 133

Sample ID: F0981-06B,31385

Date Collected: 8/4/2007 2:19:44 AM

Analyst:

Data Type: Reprocessed on 8/6/2007 8:18:33 AM

Logged In Analyst (Original) : optima3

Initial Sample Vol:

Initial Sample Wt:

Sample Prep Vol:

Dilution:

Mean Data: F0981-06B,31385

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD | |
|------------|----------------|---------|----------------------|----------|---------|-------|---------|----------|
| | Intensity | Conc. | | | Conc. | Units | | Std.Dev. |
| Ag 328.068 | -648.7 | -0.1885 | mg/L | 0.00045 | -0.1885 | mg/L | 0.00045 | 0.24% |
| Al 308.215 | 27235944.6 | 732.49 | mg/L | 2.059 | 732.49 | mg/L | 2.059 | 0.28% |
| As 188.979 | 411.2 | 0.4802 | mg/L | 0.00968 | 0.4802 | mg/L | 0.00968 | 2.02% |
| Ba 233.527 | 741756.4 | 6.8702 | mg/L | 0.02177 | 6.8702 | mg/L | 0.02177 | 0.32% |
| Be 313.107 | 100917.7 | 0.0422 | mg/L | 0.00005 | 0.0422 | mg/L | 0.00005 | 0.12% |
| Co 228.616 | 30168.6 | 1.0906 | mg/L | 0.00442 | 1.0906 | mg/L | 0.00442 | 0.41% |
| Cr 267.716 | 63671.5 | 1.1611 | mg/L | 0.00647 | 1.1611 | mg/L | 0.00647 | 0.56% |
| Cu 324.752 | 1154405.1 | 3.5462 | mg/L | 0.01295 | 3.5462 | mg/L | 0.01295 | 0.37% |
| Fe 273.955 | 46190844.1 | 1203.6 | mg/L | 1.52 | 1203.6 | mg/L | 1.52 | 0.13% |
| Mg 279.077 | 12074160.2 | 430.46 | mg/L | 0.956 | 430.46 | mg/L | 0.956 | 0.22% |
| Mn 257.610 | Saturated2 | | | | | | | |
| Ni 231.604 | 44401.0 | 1.9533 | mg/L | 0.00887 | 1.9533 | mg/L | 0.00887 | 0.45% |
| Pb 220.353 | 14039.3 | 2.5566 | mg/L | 0.01274 | 2.5566 | mg/L | 0.01274 | 0.50% |
| Sb 206.836 | -132.3 | -0.0620 | mg/L | 0.02277 | -0.0620 | mg/L | 0.02277 | 36.74% |
| Se 196.026 | -276.2 | 0.0012 | mg/L | 0.08201 | 0.0012 | mg/L | 0.08201 | >999.9% |
| Tl 190.801 | -129.5 | 0.1893 | mg/L | 0.01185 | 0.1893 | mg/L | 0.01185 | 6.26% |
| V 292.402 | 113934.6 | 1.0113 | mg/L | 0.00683 | 1.0113 | mg/L | 0.00683 | 0.68% |
| Zn 206.200 | 165391.9 | 5.9670 | mg/L | 0.00014 | 5.9670 | mg/L | 0.00014 | 0.00% |
| Na 330.237 | 175137.0 | 113.59 | mg/L | 0.445 | 113.59 | mg/L | 0.445 | 0.39% |
| Cd 226.502 | 8058.6 | 0.0863 | mg/L | 0.00166 | 0.0863 | mg/L | 0.00166 | 1.92% |

=====
Analysis Begun

Start Time: 8/6/2007 10:18:48 AM
 Logged In Analyst: optima3
 Spectrometer Model: Optima 4300 DV, S/N 077N3102302

Plasma On Time: 8/6/2007 5:57:59 AM
 Technique: ICP Continuous

Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0806B.sif

Batch ID:

Results Data Set: B07080602

Results Library: C:\pe\Administrator\Results\Results.mdb

=====
Method Loaded

Method Name: CLP

Method Last Saved: 8/2/2007 10:34:25 AM

IEC File: B070712X.iec

MSF File:

Method Description: working method for all elements

Sequence No.: 1

Autosampler Location: 1

Sample ID: S0

Date Collected: 8/6/2007 10:18:48 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: S0

| Analyte | Mean Corrected Intensity | Std.Dev. | RSD | Conc. | Units |
|------------|--------------------------|----------|---------|--------|-------|
| Al 308.215 | 5766.8 | 44.73 | 0.78% | [0.00] | mg/L |
| Cr 267.716 | -28.1 | 4.59 | 16.34% | [0.00] | mg/L |
| Cu 324.752 | 1185.5 | 44.70 | 3.77% | [0.00] | mg/L |
| Fe 273.955 | -9.1 | 62.14 | 682.38% | [0.00] | mg/L |
| Mg 279.077 | -133.3 | 16.84 | 12.64% | [0.00] | mg/L |
| Mn 257.610 | 67.8 | 38.68 | 57.07% | [0.00] | mg/L |
| Ni 231.604 | -8.6 | 0.04 | 0.47% | [0.00] | mg/L |
| Pb 220.353 | 29.1 | 0.96 | 3.30% | [0.00] | mg/L |
| Tl 190.801 | -3.2 | 1.13 | 34.86% | [0.00] | mg/L |
| V 292.402 | -38.8 | 8.08 | 20.85% | [0.00] | mg/L |
| Ti 334.940 | 10.2 | 17.73 | 174.13% | [0.00] | mg/L |
| Ca 227.546 | 65.5 | 1.59 | 2.43% | [0.00] | mg/L |

Sequence No.: 2

Autosampler Location: 9

Sample ID: S1

Date Collected: 8/6/2007 10:22:27 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: S1

| Analyte | Mean Corrected Intensity | Std.Dev. | RSD | Conc. | Units |
|------------|--------------------------|----------|-------|-------|-------|
| Al 308.215 | 701762.3 | 3321.21 | 0.47% | [20] | mg/L |
| Cr 267.716 | 109818.6 | 515.49 | 0.47% | [2] | mg/L |
| Cu 324.752 | 772921.2 | 3025.48 | 0.39% | [2.5] | mg/L |
| Fe 273.955 | 373315.3 | 1035.14 | 0.28% | [10] | mg/L |
| Mg 279.077 | 1361521.2 | 6067.11 | 0.45% | [50] | mg/L |
| Mn 257.610 | 3383768.6 | 15033.40 | 0.44% | [5] | mg/L |
| Ni 231.604 | 116730.3 | 705.23 | 0.60% | [5] | mg/L |
| Pb 220.353 | 5576.3 | 11.03 | 0.20% | [1] | mg/L |
| Tl 190.801 | 1379.8 | 4.65 | 0.34% | [1] | mg/L |
| V 292.402 | 565945.9 | 637.06 | 0.11% | [5] | mg/L |
| Ti 334.940 | 950607.4 | 4298.49 | 0.45% | [1] | mg/L |
| Ca 227.546 | 13854.5 | 2.70 | 0.02% | [50] | mg/L |

Calibration Summary

| Analyte | Stds. | Equation | Intercept | Slope | Curvature | Corr. Coef. | Reslope |
|---------|-------|----------|-----------|-------|-----------|-------------|---------|
|---------|-------|----------|-----------|-------|-----------|-------------|---------|

| Element | Conc. | Units | Calib | Std.Dev. | Conc. | Units | Std.Dev. | RSD |
|------------|-------|------------|-------|----------|---------|----------|----------|-----|
| Al 308.215 | 1 | Lin Thru 0 | 0.0 | 35090 | 0.00000 | 1.000000 | | |
| Cr 267.716 | 1 | Lin Thru 0 | 0.0 | 54910 | 0.00000 | 1.000000 | | |
| Cu 324.752 | 1 | Lin Thru 0 | 0.0 | 309200 | 0.00000 | 1.000000 | | |
| Fe 273.955 | 1 | Lin Thru 0 | 0.0 | 37330 | 0.00000 | 1.000000 | | |
| Mg 279.077 | 1 | Lin Thru 0 | 0.0 | 27230 | 0.00000 | 1.000000 | | |
| Mn 257.610 | 1 | Lin Thru 0 | 0.0 | 676800 | 0.00000 | 1.000000 | | |
| Ni 231.604 | 1 | Lin Thru 0 | 0.0 | 23350 | 0.00000 | 1.000000 | | |
| Pb 220.353 | 1 | Lin Thru 0 | 0.0 | 5576 | 0.00000 | 1.000000 | | |
| Tl 190.801 | 1 | Lin Thru 0 | 0.0 | 1380 | 0.00000 | 1.000000 | | |
| V 292.402 | 1 | Lin Thru 0 | 0.0 | 113200 | 0.00000 | 1.000000 | | |
| Ti 334.940 | 1 | Lin Thru 0 | 0.0 | 950600 | 0.00000 | 1.000000 | | |
| Ca 227.546 | 1 | Lin Thru 0 | 0.0 | 277.1 | 0.00000 | 1.000000 | | |

Sequence No.: 3

Sample ID: ICV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 10

Date Collected: 8/6/2007 10:25:40 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICV

| Analyte | Mean Corrected Intensity | Conc. | Units | Calib | Std.Dev. | Conc. | Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|--------|-------|-------|----------|--------|-------|--------|----------|-------|
| Al 308.215 | 516567.1 | 14.693 | mg/L | | 0.0033 | 14.693 | mg/L | | 0.0033 | 0.02% |
| Cr 267.716 | 81763.9 | 1.4887 | mg/L | | 0.00531 | 1.4887 | mg/L | | 0.00531 | 0.36% |
| Cu 324.752 | 563071.4 | 1.8224 | mg/L | | 0.00018 | 1.8224 | mg/L | | 0.00018 | 0.01% |
| Fe 273.955 | 276738.3 | 7.6724 | mg/L | | 0.00056 | 7.6724 | mg/L | | 0.00056 | 0.01% |
| Mg 279.077 | 1005786.0 | 36.980 | mg/L | | 0.0161 | 36.980 | mg/L | | 0.0161 | 0.04% |
| Mn 257.610 | 2511828.2 | 3.7117 | mg/L | | 0.00642 | 3.7117 | mg/L | | 0.00642 | 0.17% |
| Ni 231.604 | 86864.7 | 3.7214 | mg/L | | 0.02367 | 3.7214 | mg/L | | 0.02367 | 0.64% |
| Pb 220.353 | 4140.2 | 0.7434 | mg/L | | 0.00130 | 0.7434 | mg/L | | 0.00130 | 0.17% |
| Tl 190.801 | 1038.4 | 0.7560 | mg/L | | 0.00054 | 0.7560 | mg/L | | 0.00054 | 0.07% |
| V 292.402 | 420326.7 | 3.7164 | mg/L | | 0.01001 | 3.7164 | mg/L | | 0.01001 | 0.27% |
| Ti 334.940 | 946.3 | 0.0013 | mg/L | | 0.00006 | 0.0013 | mg/L | | 0.00006 | 5.05% |
| Ca 227.546 | 10314.7 | 36.823 | mg/L | | 0.0685 | 36.823 | mg/L | | 0.0685 | 0.19% |

Sequence No.: 4

Sample ID: ICB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/6/2007 10:28:48 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICB

| Analyte | Mean Corrected Intensity | Conc. | Units | Calib | Std.Dev. | Conc. | Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|---------|-------|-------|----------|---------|-------|--------|----------|---------|
| Al 308.215 | 1.7 | 0.0000 | mg/L | | 0.00015 | 0.0000 | mg/L | | 0.00015 | 332.24% |
| Cr 267.716 | -2.3 | 0.0000 | mg/L | | 0.00004 | 0.0000 | mg/L | | 0.00004 | 104.72% |
| Cu 324.752 | -28.9 | -0.0001 | mg/L | | 0.00024 | -0.0001 | mg/L | | 0.00024 | 264.13% |
| Fe 273.955 | 461.7 | 0.0126 | mg/L | | 0.02302 | 0.0126 | mg/L | | 0.02302 | 182.72% |
| Mg 279.077 | 68.1 | 0.0025 | mg/L | | 0.00168 | 0.0025 | mg/L | | 0.00168 | 67.31% |
| Mn 257.610 | 322.3 | 0.0005 | mg/L | | 0.00043 | 0.0005 | mg/L | | 0.00043 | 91.29% |
| Ni 231.604 | 5.0 | 0.0002 | mg/L | | 0.00029 | 0.0002 | mg/L | | 0.00029 | 134.65% |
| Pb 220.353 | 3.8 | 0.0007 | mg/L | | 0.00140 | 0.0007 | mg/L | | 0.00140 | 204.94% |
| Tl 190.801 | 0.1 | 0.0000 | mg/L | | 0.00098 | 0.0000 | mg/L | | 0.00098 | >999.9% |
| V 292.402 | 41.1 | 0.0004 | mg/L | | 0.00013 | 0.0004 | mg/L | | 0.00013 | 35.28% |
| Ti 334.940 | 27.7 | 0.0000 | mg/L | | 0.00004 | 0.0000 | mg/L | | 0.00004 | 142.44% |
| Ca 227.546 | 15.6 | 0.0561 | mg/L | | 0.01569 | 0.0561 | mg/L | | 0.01569 | 27.97% |

Sequence No.: 5

Sample ID: CRI

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 7

Date Collected: 8/6/2007 10:32:30 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CRI

Mean Corrected

Calib

Sample

| Analyte | Intensity | Conc. Units | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|------------|-----------|--------------|----------|--------------|----------|--------|
| Al 308.215 | 7265.8 | 0.2067 mg/L | 0.00502 | 0.2067 mg/L | 0.00502 | 2.43% |
| Cr 267.716 | 576.6 | 0.0105 mg/L | 0.00012 | 0.0105 mg/L | 0.00012 | 1.15% |
| Cu 324.752 | 7795.9 | 0.0254 mg/L | 0.00043 | 0.0254 mg/L | 0.00043 | 1.68% |
| Fe 273.955 | 3959.2 | 0.1320 mg/L | 0.00336 | 0.1320 mg/L | 0.00336 | 2.54% |
| Mg 279.077 | 145178.9 | 5.3317 mg/L | 0.06140 | 5.3317 mg/L | 0.06140 | 1.15% |
| Mn 257.610 | 11071.3 | 0.0164 mg/L | 0.00025 | 0.0164 mg/L | 0.00025 | 1.54% |
| Ni 231.604 | 1020.8 | 0.0438 mg/L | 0.00038 | 0.0438 mg/L | 0.00038 | 0.87% |
| Pb 220.353 | 56.2 | 0.0101 mg/L | 0.00040 | 0.0101 mg/L | 0.00040 | 3.91% |
| Tl 190.801 | 35.5 | 0.0258 mg/L | 0.00153 | 0.0258 mg/L | 0.00153 | 5.94% |
| V 292.402 | 5886.5 | 0.0520 mg/L | 0.00102 | 0.0520 mg/L | 0.00102 | 1.95% |
| Ti 334.940 | -120.7 | -0.0001 mg/L | 0.00001 | -0.0001 mg/L | 0.00001 | 20.45% |
| Ca 227.546 | 1354.5 | 4.8823 mg/L | 0.02284 | 4.8823 mg/L | 0.02284 | 0.47% |

Sequence No.: 6
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/6/2007 10:35:34 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|--|--------------------------|-------------------|----------|--------------------|----------|---------|
| Al 308.215 | 17523293.4 | 499.41 mg/L | 4.818 | 499.41 mg/L | 4.818 | 0.96% |
| Cr 267.716 | -137.3 | 0.0148 mg/L | 0.00029 | 0.0148 mg/L | 0.00029 | 1.93% |
| Cu 324.752 | -4761.3 | -0.0015 mg/L | 0.00372 | -0.0015 mg/L | 0.00372 | 246.50% |
| Fe 273.955 | 6761216.2 | 186.18 mg/L | 1.351 | 186.18 mg/L | 1.351 | 0.73% |
| Mg 279.077 | 12913131.2 | 474.13 mg/L | 3.332 | 474.13 mg/L | 3.332 | 0.70% |
| Mn 257.610 | 4244.5 | 0.0063 mg/L | 0.00582 | 0.0063 mg/L | 0.00582 | 92.81% |
| Saturated outside survey window (code 6) | | | | | | |
| Ni 231.604 | 51.3 | 0.0263 mg/L | 0.00061 | 0.0263 mg/L | 0.00061 | 2.32% |
| Pb 220.353 | -164.6 | 0.0064 mg/L | 0.00111 | 0.0064 mg/L | 0.00111 | 17.25% |
| Tl 190.801 | -13.7 | 0.0051 mg/L | 0.00149 | 0.0051 mg/L | 0.00149 | 29.47% |
| V 292.402 | -494.4 | -0.0013 mg/L | 0.00003 | -0.0013 mg/L | 0.00003 | 2.35% |
| Ti 334.940 | -5805.6 | 0.0001 mg/L | 0.00000 | 0.0001 mg/L | 0.00000 | 0.19% |
| Ca 227.546 | 145035.1 | 519.50 mg/L | 1.772 | 519.50 mg/L | 1.772 | 0.34% |

Sequence No.: 7
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/6/2007 10:38:48 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Al 308.215 | 16255020.0 | 463.26 mg/L | 0.822 | 463.26 mg/L | 0.822 | 0.18% |
| Cr 267.716 | 24429.1 | 0.4608 mg/L | 0.00299 | 0.4608 mg/L | 0.00299 | 0.65% |
| Cu 324.752 | 143736.3 | 0.4781 mg/L | 0.00264 | 0.4781 mg/L | 0.00264 | 0.55% |
| Fe 273.955 | 6301514.2 | 173.53 mg/L | 0.333 | 173.53 mg/L | 0.333 | 0.19% |
| Mg 279.077 | 11981649.1 | 439.94 mg/L | 0.734 | 439.94 mg/L | 0.734 | 0.17% |
| Mn 257.610 | 310111.9 | 0.4583 mg/L | 0.00197 | 0.4583 mg/L | 0.00197 | 0.43% |
| Ni 231.604 | 19069.1 | 0.8393 mg/L | 0.00570 | 0.8393 mg/L | 0.00570 | 0.68% |
| Pb 220.353 | 79.6 | 0.0477 mg/L | 0.00131 | 0.0477 mg/L | 0.00131 | 2.74% |
| Tl 190.801 | 103.3 | 0.0892 mg/L | 0.00089 | 0.0892 mg/L | 0.00089 | 1.00% |
| V 292.402 | 50995.9 | 0.4542 mg/L | 0.00361 | 0.4542 mg/L | 0.00361 | 0.79% |
| Ti 334.940 | -5507.5 | 0.0001 mg/L | 0.00001 | 0.0001 mg/L | 0.00001 | 11.29% |
| Ca 227.546 | 136887.9 | 490.32 mg/L | 2.702 | 490.32 mg/L | 2.702 | 0.55% |

Sequence No.: 8
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/6/2007 10:41:58 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 344547.7 | 9.8001 | mg/L | 0.03872 | 9.8001 | mg/L | 0.40% |
| Cr 267.716 | 54560.0 | 0.9934 | mg/L | 0.00873 | 0.9934 | mg/L | 0.88% |
| Cu 324.752 | 377689.2 | 1.2224 | mg/L | 0.00634 | 1.2224 | mg/L | 0.52% |
| Fe 273.955 | 187695.2 | 5.2010 | mg/L | 0.01690 | 5.2010 | mg/L | 0.32% |
| Mg 279.077 | 679307.6 | 24.976 | mg/L | 0.0610 | 24.976 | mg/L | 0.24% |
| Mn 257.610 | 1692799.0 | 2.5014 | mg/L | 0.00186 | 2.5014 | mg/L | 0.07% |
| Ni 231.604 | 58445.9 | 2.5039 | mg/L | 0.01966 | 2.5039 | mg/L | 0.79% |
| Pb 220.353 | 2787.6 | 0.5005 | mg/L | 0.00361 | 0.5005 | mg/L | 0.72% |
| Tl 190.801 | 694.7 | 0.5058 | mg/L | 0.00393 | 0.5058 | mg/L | 0.78% |
| V 292.402 | 281147.0 | 2.4858 | mg/L | 0.01261 | 2.4858 | mg/L | 0.51% |
| Ti 334.940 | 423.3 | 0.0006 | mg/L | 0.00002 | 0.0006 | mg/L | 2.54% |
| Ca 227.546 | 6867.8 | 24.514 | mg/L | 0.1394 | 24.514 | mg/L | 0.57% |

Sequence No.: 9

Sample ID: CCB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/6/2007 10:45:05 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|---------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 300.0 | 0.0085 | mg/L | 0.00253 | 0.0085 | mg/L | 29.60% |
| Cr 267.716 | 2.7 | 0.0001 | mg/L | 0.00006 | 0.0001 | mg/L | 117.53% |
| Cu 324.752 | -130.4 | -0.0004 | mg/L | 0.00005 | -0.0004 | mg/L | 12.56% |
| Fe 273.955 | 678.2 | 0.0183 | mg/L | 0.02037 | 0.0183 | mg/L | 111.15% |
| Mg 279.077 | 322.2 | 0.0118 | mg/L | 0.00193 | 0.0118 | mg/L | 16.35% |
| Mn 257.610 | 264.6 | 0.0004 | mg/L | 0.00036 | 0.0004 | mg/L | 93.18% |
| Ni 231.604 | 6.5 | 0.0003 | mg/L | 0.00002 | 0.0003 | mg/L | 7.92% |
| Pb 220.353 | 4.2 | 0.0007 | mg/L | 0.00030 | 0.0007 | mg/L | 40.08% |
| Tl 190.801 | -0.9 | -0.0007 | mg/L | 0.00161 | -0.0007 | mg/L | 240.41% |
| V 292.402 | 24.0 | 0.0002 | mg/L | 0.00005 | 0.0002 | mg/L | 22.73% |
| Ti 334.940 | -55.5 | -0.0001 | mg/L | 0.00000 | -0.0001 | mg/L | 1.16% |
| Ca 227.546 | 7.2 | 0.0257 | mg/L | 0.04954 | 0.0257 | mg/L | 192.90% |

Sequence No.: 10

Sample ID: MB-31386,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 98

Date Collected: 8/6/2007 10:48:46 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: MB-31386,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|---------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 908.2 | 0.0259 | mg/L | 0.00063 | 0.0259 | mg/L | 2.42% |
| Cr 267.716 | 63.5 | 0.0012 | mg/L | 0.00010 | 0.0012 | mg/L | 8.84% |
| Cu 324.752 | 8933.6 | 0.0289 | mg/L | 0.00010 | 0.0289 | mg/L | 0.35% |
| Fe 273.955 | 1830.8 | 0.0501 | mg/L | 0.00113 | 0.0501 | mg/L | 2.26% |
| Mg 279.077 | 515.2 | 0.0189 | mg/L | 0.00148 | 0.0189 | mg/L | 7.84% |
| Mn 257.610 | 1845.8 | 0.0027 | mg/L | 0.00005 | 0.0027 | mg/L | 1.93% |
| Ni 231.604 | 15.7 | 0.0007 | mg/L | 0.00005 | 0.0007 | mg/L | 8.06% |
| Pb 220.353 | 21.1 | 0.0038 | mg/L | 0.00066 | 0.0038 | mg/L | 17.37% |
| Tl 190.801 | 0.0 | 0.0000 | mg/L | 0.00122 | 0.0000 | mg/L | >999.9% |
| V 292.402 | 36.2 | 0.0003 | mg/L | 0.00024 | 0.0003 | mg/L | 75.95% |
| Ti 334.940 | 368.8 | 0.0004 | mg/L | 0.00002 | 0.0004 | mg/L | 5.43% |
| Ca 227.546 | 62.5 | 0.2243 | mg/L | 0.00847 | 0.2243 | mg/L | 3.77% |

Sequence No.: 11

Sample ID: LCS-31386,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 99

Date Collected: 8/6/2007 10:51:53 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: LCS-31386,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 2500980.7 | 71.269 | mg/L | 0.2536 | 71.269 | mg/L | 0.36% |
| Cr 267.716 | 71571.6 | 1.3048 | mg/L | 0.00230 | 1.3048 | mg/L | 0.18% |
| Cu 324.752 | 300169.3 | 0.9709 | mg/L | 0.00266 | 0.9709 | mg/L | 0.27% |
| Fe 273.955 | 4548241.3 | 122.37 | mg/L | 0.287 | 122.37 | mg/L | 0.23% |
| Mg 279.077 | 650327.4 | 23.867 | mg/L | 0.0602 | 23.867 | mg/L | 0.25% |
| Mn 257.610 | 2233407.2 | 3.3003 | mg/L | 0.00815 | 3.3003 | mg/L | 0.25% |
| Ni 231.604 | 51466.0 | 2.2046 | mg/L | 0.01364 | 2.2046 | mg/L | 0.62% |
| Pb 220.353 | 5862.4 | 1.0556 | mg/L | 0.01661 | 1.0556 | mg/L | 1.57% |
| Tl 190.801 | 1856.8 | 1.3730 | mg/L | 0.00046 | 1.3730 | mg/L | 0.03% |
| V 292.402 | 162320.7 | 1.4382 | mg/L | 0.00286 | 1.4382 | mg/L | 0.20% |
| Ti 334.940 | 2846830.0 | 2.9951 | mg/L | 0.00749 | 2.9951 | mg/L | 0.25% |
| Ca 227.546 | 10745.3 | 36.053 | mg/L | 0.6356 | 36.053 | mg/L | 1.76% |

Sequence No.: 12

Sample ID: F0936-01B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 100

Date Collected: 8/6/2007 10:54:28 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

5x Pb

Mean Data: F0936-01B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 319119.9 | 9.0946 | mg/L | 0.11420 | 9.0946 | mg/L | 1.26% |
| Cr 267.716 | 1590.0 | 0.0289 | mg/L | 0.00016 | 0.0289 | mg/L | 0.54% |
| Cu 324.752 | 105697.6 | 0.3419 | mg/L | 0.00358 | 0.3419 | mg/L | 1.05% |
| Fe 273.955 | 1227545.2 | 32.973 | mg/L | 0.1037 | 32.973 | mg/L | 0.31% |
| Mg 279.077 | 105894.1 | 3.8832 | mg/L | 0.04852 | 3.8832 | mg/L | 1.25% |
| Mn 257.610 | 534353.1 | 0.7896 | mg/L | 0.00327 | 0.7896 | mg/L | 0.41% |
| Ni 231.604 | 727.2 | 0.0315 | mg/L | 0.00004 | 0.0315 | mg/L | 0.13% |
| Pb 220.353 | 5862.8 | 1.0517 | mg/L | 0.00152 | 1.0517 | mg/L | 0.14% |
| Tl 190.801 | -0.4 | 0.0081 | mg/L | 0.00064 | 0.0081 | mg/L | 7.85% |
| V 292.402 | 2733.7 | 0.0248 | mg/L | 0.00021 | 0.0248 | mg/L | 0.84% |
| Ti 334.940 | 121995.1 | 0.1285 | mg/L | 0.00142 | 0.1285 | mg/L | 1.11% |
| Ca 227.546 | 2840.2 | 9.5473 | mg/L | 0.09390 | 9.5473 | mg/L | 0.98% |

Sequence No.: 13

Sample ID: F0936-02B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 101

Date Collected: 8/6/2007 10:57:40 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

5x Pb

Mean Data: F0936-02B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|---------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 296576.8 | 8.4521 | mg/L | 0.01971 | 8.4521 | mg/L | 0.23% |
| Cr 267.716 | 1811.8 | 0.0331 | mg/L | 0.00012 | 0.0331 | mg/L | 0.37% |
| Cu 324.752 | 200483.8 | 0.6493 | mg/L | 0.00312 | 0.6493 | mg/L | 0.48% |
| Fe 273.955 | 341181.3 | 9.3112 | mg/L | 0.01936 | 9.3112 | mg/L | 0.21% |
| Mg 279.077 | 20465.7 | 0.7512 | mg/L | 0.00253 | 0.7512 | mg/L | 0.34% |
| Mn 257.610 | 217430.5 | 0.3213 | mg/L | 0.00046 | 0.3213 | mg/L | 0.14% |
| Ni 231.604 | 4194.3 | 0.1805 | mg/L | 0.00055 | 0.1805 | mg/L | 0.30% |
| Pb 220.353 | 5864.5 | 1.0522 | mg/L | 0.00101 | 1.0522 | mg/L | 0.10% |
| Tl 190.801 | -2.3 | 0.0003 | mg/L | 0.00250 | 0.0003 | mg/L | 825.16% |
| V 292.402 | 3089.8 | 0.0274 | mg/L | 0.00025 | 0.0274 | mg/L | 0.91% |
| Ti 334.940 | 158675.1 | 0.1673 | mg/L | 0.00009 | 0.1673 | mg/L | 0.05% |
| Ca 227.546 | 8930.8 | 32.025 | mg/L | 0.0674 | 32.025 | mg/L | 0.21% |

Sequence No.: 14

Sample ID: F0936-05B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 102

Date Collected: 8/6/2007 11:00:47 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-05B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|---------|-------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 1272933.2 | 36.277 mg/L | 0.2627 | 36.277 mg/L | 0.2627 | 0.72% | |
| Cr 267.716 | 3252.9 | 0.0551 mg/L | 0.00013 | 0.0551 mg/L | 0.00013 | 0.24% | |
| Cu 324.752 | 94845.2 | 0.3037 mg/L | 0.00144 | 0.3037 mg/L | 0.00144 | 0.47% | |
| Fe 273.955 | 13942801.4 | 373.77 mg/L | 0.431 | 373.77 mg/L | 0.431 | 0.12% | |
| Mg 279.077 | 272861.6 | 9.9778 mg/L | 0.04147 | 9.9778 mg/L | 0.04147 | 0.42% | |
| Mn 257.610 | 7332889.5 | 10.835 mg/L | 0.0072 | 10.835 mg/L | 0.0072 | 0.07% | |
| Ni 231.604 | 9253.3 | 0.3975 mg/L | 0.00129 | 0.3975 mg/L | 0.00129 | 0.32% | |
| Pb 220.353 | 791.8 | 0.1421 mg/L | 0.00152 | 0.1421 mg/L | 0.00152 | 1.07% | |
| Tl 190.801 | -12.7 | 0.0943 mg/L | 0.00212 | 0.0943 mg/L | 0.00212 | 2.25% | |
| V 292.402 | 11108.6 | 0.1054 mg/L | 0.00040 | 0.1054 mg/L | 0.00040 | 0.38% | |
| Ti 334.940 | 302547.3 | 0.3185 mg/L | 0.00134 | 0.3185 mg/L | 0.00134 | 0.42% | |
| Ca 227.546 | 6144.2 | 14.224 mg/L | 0.0441 | 14.224 mg/L | 0.0441 | 0.31% | |

=====

Sequence No.: 15

Sample ID: F0936-06B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 103

Date Collected: 8/6/2007 11:04:01 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

5x Pb

Mean Data: F0936-06B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|---------|-------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 1249567.2 | 35.612 mg/L | 0.0835 | 35.612 mg/L | 0.0835 | 0.23% | |
| Cr 267.716 | 3857.1 | 0.0712 mg/L | 0.00002 | 0.0712 mg/L | 0.00002 | 0.03% | |
| Cu 324.752 | 436455.2 | 1.4133 mg/L | 0.00454 | 1.4133 mg/L | 0.00454 | 0.32% | |
| Fe 273.955 | 1249545.6 | 33.911 mg/L | 0.0214 | 33.911 mg/L | 0.0214 | 0.06% | |
| Mg 279.077 | 188776.4 | 6.9235 mg/L | 0.00751 | 6.9235 mg/L | 0.00751 | 0.11% | |
| Mn 257.610 | 351131.6 | 0.5189 mg/L | 0.00204 | 0.5189 mg/L | 0.00204 | 0.39% | |
| Ni 231.604 | 1187.4 | 0.0526 mg/L | 0.00009 | 0.0526 mg/L | 0.00009 | 0.17% | |
| Pb 220.353 | 10549.1 | 1.8939 mg/L | 0.01778 | 1.8939 mg/L | 0.01778 | 0.94% | |
| Tl 190.801 | -2.8 | 0.0041 mg/L | 0.00053 | 0.0041 mg/L | 0.00053 | 13.09% | |
| V 292.402 | 5995.3 | 0.0534 mg/L | 0.00051 | 0.0534 mg/L | 0.00051 | 0.95% | |
| Ti 334.940 | 770037.6 | 0.8108 mg/L | 0.00443 | 0.8108 mg/L | 0.00443 | 0.55% | |
| Ca 227.546 | 17607.5 | 62.820 mg/L | 0.5079 | 62.820 mg/L | 0.5079 | 0.81% | |

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Sequence No.: 16

Sample ID: F0936-10B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 104

Date Collected: 8/6/2007 11:07:09 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

10x Pb

Mean Data: F0936-10B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|---------|-------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 198758.4 | 5.6643 mg/L | 0.00409 | 5.6643 mg/L | 0.00409 | 0.07% | |
| Cr 267.716 | 1509.1 | 0.0277 mg/L | 0.00012 | 0.0277 mg/L | 0.00012 | 0.43% | |
| Cu 324.752 | 58353.0 | 0.1889 mg/L | 0.00021 | 0.1889 mg/L | 0.00021 | 0.11% | |
| Fe 273.955 | 1151850.0 | 30.944 mg/L | 0.0215 | 30.944 mg/L | 0.0215 | 0.07% | |
| Mg 279.077 | 46629.0 | 1.7023 mg/L | 0.00232 | 1.7023 mg/L | 0.00232 | 0.14% | |
| Mn 257.610 | 225174.1 | 0.3327 mg/L | 0.00074 | 0.3327 mg/L | 0.00074 | 0.22% | |
| Ni 231.604 | 700.5 | 0.0304 mg/L | 0.00030 | 0.0304 mg/L | 0.00030 | 0.98% | |
| Pb 220.353 | 9558.3 | 1.7144 mg/L | 0.00030 | 1.7144 mg/L | 0.00030 | 0.02% | |
| Tl 190.801 | -2.5 | 0.0058 mg/L | 0.00193 | 0.0058 mg/L | 0.00193 | 33.10% | |
| V 292.402 | 2805.0 | 0.0253 mg/L | 0.00002 | 0.0253 mg/L | 0.00002 | 0.07% | |
| Ti 334.940 | 125698.7 | 0.1324 mg/L | 0.00048 | 0.1324 mg/L | 0.00048 | 0.36% | |
| Ca 227.546 | 4080.0 | 14.065 mg/L | 0.0257 | 14.065 mg/L | 0.0257 | 0.18% | |

=====

Sequence No.: 17

Sample ID: F0936-13B,31386

Analyst:

Initial Sample Wt:

Autosampler Location: 105

Date Collected: 8/6/2007 11:10:16 AM

Data Type: Original

Initial Sample Vol:

Dilution:

5x Pb

Sample Prep Vol:

Mean Data: F0936-13B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|--------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | Units | | | |
| Al 308.215 | 915606.7 | 26.092 | mg/L | 26.092 | mg/L | 0.0906 | 0.35% | |
| Cr 267.716 | 3410.9 | 0.0628 | mg/L | 0.0628 | mg/L | 0.00026 | 0.41% | |
| Cu 324.752 | 1185358.1 | 3.8336 | mg/L | 3.8336 | mg/L | 0.01075 | 0.28% | |
| Fe 273.955 | 3184495.2 | 85.507 | mg/L | 85.507 | mg/L | 0.3660 | 0.43% | |
| Mg 279.077 | 316299.3 | 11.594 | mg/L | 11.594 | mg/L | 0.0483 | 0.42% | |
| Mn 257.610 | 989584.6 | 1.4623 | mg/L | 1.4623 | mg/L | 0.00621 | 0.42% | |
| Ni 231.604 | 7727.6 | 0.3313 | mg/L | 0.3313 | mg/L | 0.00325 | 0.98% | |
| Pb 220.353 | 6764.1 | 1.2131 | mg/L | 1.2131 | mg/L | 0.00580 | 0.48% | |
| Tl 190.801 | -6.3 | 0.0162 | mg/L | 0.0162 | mg/L | 0.00071 | 4.39% | |
| V 292.402 | 30912.8 | 0.2743 | mg/L | 0.2743 | mg/L | 0.00213 | 0.78% | |
| Ti 334.940 | 458881.9 | 0.4829 | mg/L | 0.4829 | mg/L | 0.00183 | 0.38% | |
| Ca 227.546 | 4299.9 | 13.660 | mg/L | 13.660 | mg/L | 0.0262 | 0.19% | |

Sequence No.: 18

Autosampler Location: 106

Sample ID: F0936-14B,31386

Date Collected: 8/6/2007 11:13:29 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-14B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|--------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | Units | | | |
| Al 308.215 | 3607278.8 | 102.80 | mg/L | 102.80 | mg/L | 0.154 | 0.15% | |
| Cr 267.716 | 10985.6 | 0.2007 | mg/L | 0.2007 | mg/L | 0.00018 | 0.09% | |
| Cu 324.752 | 128767.6 | 0.4144 | mg/L | 0.4144 | mg/L | 0.00020 | 0.05% | |
| Fe 273.955 | 10956109.8 | 294.15 | mg/L | 294.15 | mg/L | 1.856 | 0.63% | |
| Mg 279.077 | 1382576.2 | 50.719 | mg/L | 50.719 | mg/L | 0.0269 | 0.05% | |
| Mn 257.610 | 4534465.7 | 6.7003 | mg/L | 6.7003 | mg/L | 0.04356 | 0.65% | |
| Ni 231.604 | 6249.5 | 0.2700 | mg/L | 0.2700 | mg/L | 0.00049 | 0.18% | |
| Pb 220.353 | 3167.7 | 0.5731 | mg/L | 0.5731 | mg/L | 0.00099 | 0.17% | |
| Tl 190.801 | -17.5 | 0.0611 | mg/L | 0.0611 | mg/L | 0.00197 | 3.23% | |
| V 292.402 | 20137.0 | 0.1836 | mg/L | 0.1836 | mg/L | 0.00027 | 0.15% | |
| Ti 334.940 | 902367.0 | 0.9495 | mg/L | 0.9495 | mg/L | 0.00093 | 0.10% | |
| Ca 227.546 | 7364.4 | 20.317 | mg/L | 20.317 | mg/L | 0.0148 | 0.07% | |

Sequence No.: 19

Autosampler Location: 3

Sample ID: CCV

Date Collected: 8/6/2007 11:16:44 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Calib | | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|--------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | Units | | | |
| Al 308.215 | 347695.0 | 9.8896 | mg/L | 9.8896 | mg/L | 0.06004 | 0.61% | |
| Cr 267.716 | 55476.5 | 1.0101 | mg/L | 1.0101 | mg/L | 0.00927 | 0.92% | |
| Cu 324.752 | 380312.9 | 1.2309 | mg/L | 1.2309 | mg/L | 0.00594 | 0.48% | |
| Fe 273.955 | 189769.8 | 5.2569 | mg/L | 5.2569 | mg/L | 0.02645 | 0.50% | |
| Mg 279.077 | 682762.9 | 25.104 | mg/L | 25.104 | mg/L | 0.1157 | 0.46% | |
| Mn 257.610 | 1718481.4 | 2.5394 | mg/L | 2.5394 | mg/L | 0.01596 | 0.63% | |
| Ni 231.604 | 59253.9 | 2.5385 | mg/L | 2.5385 | mg/L | 0.02419 | 0.95% | |
| Pb 220.353 | 2794.3 | 0.5017 | mg/L | 0.5017 | mg/L | 0.00197 | 0.39% | |
| Tl 190.801 | 696.1 | 0.5069 | mg/L | 0.5069 | mg/L | 0.00182 | 0.36% | |
| V 292.402 | 284273.2 | 2.5134 | mg/L | 2.5134 | mg/L | 0.02077 | 0.83% | |
| Ti 334.940 | 587.4 | 0.0008 | mg/L | 0.0008 | mg/L | 0.00005 | 5.73% | |
| Ca 227.546 | 6854.2 | 24.462 | mg/L | 24.462 | mg/L | 0.0112 | 0.05% | |

Sequence No.: 20

Autosampler Location: 4

Sample ID: CCB

Date Collected: 8/6/2007 11:19:51 AM

Analyst:

Data Type: Original

Initial Sample Wt:
Dilution:

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|---------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 161.2 | 0.0046 | mg/L | 0.00102 | 0.0046 | mg/L | 22.21% |
| Cr 267.716 | 4.9 | 0.0001 | mg/L | 0.00002 | 0.0001 | mg/L | 20.79% |
| Cu 324.752 | -233.6 | -0.0008 | mg/L | 0.00003 | -0.0008 | mg/L | 3.78% |
| Fe 273.955 | 168.7 | 0.0047 | mg/L | 0.00171 | 0.0047 | mg/L | 36.54% |
| Mg 279.077 | 22.0 | 0.0008 | mg/L | 0.00034 | 0.0008 | mg/L | 41.71% |
| Mn 257.610 | 135.7 | 0.0002 | mg/L | 0.00007 | 0.0002 | mg/L | 33.66% |
| Ni 231.604 | 6.9 | 0.0003 | mg/L | 0.00008 | 0.0003 | mg/L | 28.56% |
| Pb 220.353 | -0.2 | 0.0000 | mg/L | 0.00109 | 0.0000 | mg/L | >999.9% |
| Tl 190.801 | -0.8 | -0.0006 | mg/L | 0.00136 | -0.0006 | mg/L | 223.13% |
| V 292.402 | 21.2 | 0.0002 | mg/L | 0.00002 | 0.0002 | mg/L | 12.17% |
| Ti 334.940 | 3.4 | 0.0000 | mg/L | 0.00003 | 0.0000 | mg/L | 668.58% |
| Ca 227.546 | 8.7 | 0.0314 | mg/L | 0.01173 | 0.0314 | mg/L | 37.40% |

Sequence No.: 21

Sample ID: F0936-14BDUP,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 107

Date Collected: 8/6/2007 11:23:32 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-14BDUP,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 3778846.7 | 107.69 | mg/L | 0.044 | 107.69 | mg/L | 0.04% |
| Cr 267.716 | 9315.1 | 0.1678 | mg/L | 0.00039 | 0.1678 | mg/L | 0.23% |
| Cu 324.752 | 3597729.0 | 11.635 | mg/L | 0.0933 | 11.635 | mg/L | 0.80% |
| Fe 273.955 | 9825264.9 | 263.93 | mg/L | 1.771 | 263.93 | mg/L | 0.67% |
| Mg 279.077 | 1330745.0 | 48.858 | mg/L | 0.0143 | 48.858 | mg/L | 0.03% |
| Mn 257.610 | 6209570.5 | 9.1755 | mg/L | 0.06441 | 9.1755 | mg/L | 0.70% |
| Ni 231.604 | 6387.2 | 0.2752 | mg/L | 0.00128 | 0.2752 | mg/L | 0.46% |
| Pb 220.353 | 5542.3 | 0.9946 | mg/L | 0.00579 | 0.9946 | mg/L | 0.58% |
| Tl 190.801 | -13.3 | 0.0585 | mg/L | 0.00374 | 0.0585 | mg/L | 6.39% |
| V 292.402 | 22043.6 | 0.1988 | mg/L | 0.00157 | 0.1988 | mg/L | 0.79% |
| Ti 334.940 | 1097880.2 | 1.1554 | mg/L | 0.00030 | 1.1554 | mg/L | 0.03% |
| Ca 227.546 | 10775.4 | 33.215 | mg/L | 0.1404 | 33.215 | mg/L | 0.42% |

Sequence No.: 22

Sample ID: F0936-14BMS,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 19

Date Collected: 8/6/2007 11:26:48 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-14BMS,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 3890928.9 | 110.88 | mg/L | 0.837 | 110.88 | mg/L | 0.75% |
| Cr 267.716 | 32907.1 | 0.6011 | mg/L | 0.00573 | 0.6011 | mg/L | 0.95% |
| Cu 324.752 | 329224.5 | 1.0631 | mg/L | 0.00710 | 1.0631 | mg/L | 0.67% |
| Fe 273.955 | 9701843.5 | 260.58 | mg/L | 0.885 | 260.58 | mg/L | 0.34% |
| Mg 279.077 | 1274471.6 | 46.758 | mg/L | 0.3151 | 46.758 | mg/L | 0.67% |
| Mn 257.610 | 4103099.5 | 6.0630 | mg/L | 0.01605 | 6.0630 | mg/L | 0.26% |
| Ni 231.604 | 31116.9 | 1.3350 | mg/L | 0.01357 | 1.3350 | mg/L | 1.02% |
| Pb 220.353 | 4345.6 | 0.7850 | mg/L | 0.00522 | 0.7850 | mg/L | 0.66% |
| Tl 190.801 | 136.7 | 0.1623 | mg/L | 0.00038 | 0.1623 | mg/L | 0.23% |
| V 292.402 | 141845.9 | 1.2589 | mg/L | 0.01171 | 1.2589 | mg/L | 0.93% |
| Ti 334.940 | 1145763.2 | 1.2055 | mg/L | 0.00962 | 1.2055 | mg/L | 0.80% |
| Ca 227.546 | 6813.7 | 18.971 | mg/L | 0.1247 | 18.971 | mg/L | 0.66% |

Sequence No.: 23

Sample ID: F0936-14BSD,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 108

Date Collected: 8/6/2007 11:30:01 AM

Analyst:
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-14BSD,31386

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|----------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | | Units | | | |
| Al 308.215 | 773258.0 | 22.037 | mg/L | 0.0082 | 22.037 | mg/L | 0.0082 | 0.04% | |
| Cr 267.716 | 2372.4 | 0.0434 | mg/L | 0.00033 | 0.0434 | mg/L | 0.00033 | 0.76% | |
| Cu 324.752 | 26289.4 | 0.0845 | mg/L | 0.00046 | 0.0845 | mg/L | 0.00046 | 0.54% | |
| Fe 273.955 | 2539894.9 | 68.180 | mg/L | 0.0676 | 68.180 | mg/L | 0.0676 | 0.10% | |
| Mg 279.077 | 305603.4 | 11.209 | mg/L | 0.0590 | 11.209 | mg/L | 0.0590 | 0.53% | |
| Mn 257.610 | 1011087.8 | 1.4940 | mg/L | 0.00171 | 1.4940 | mg/L | 0.00171 | 0.11% | |
| Ni 231.604 | 1407.7 | 0.0608 | mg/L | 0.00006 | 0.0608 | mg/L | 0.00006 | 0.11% | |
| Pb 220.353 | 712.7 | 0.1289 | mg/L | 0.00010 | 0.1289 | mg/L | 0.00010 | 0.07% | |
| Tl 190.801 | -1.3 | 0.0162 | mg/L | 0.00263 | 0.0162 | mg/L | 0.00263 | 16.21% | |
| V 292.402 | 4325.5 | 0.0395 | mg/L | 0.00050 | 0.0395 | mg/L | 0.00050 | 1.26% | |
| Ti 334.940 | 189926.9 | 0.1999 | mg/L | 0.00154 | 0.1999 | mg/L | 0.00154 | 0.77% | |
| Ca 227.546 | 1572.5 | 4.2237 | mg/L | 0.06186 | 4.2237 | mg/L | 0.06186 | 1.46% | |

Sequence No.: 24
Sample ID: F0936-14BPDS,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 8/6/2007 11:33:13 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-14BPDS,31386

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|---------|-------|---------|----------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | | Units | | | |
| Al 308.215 | 7661.3 | 0.2183 | mg/L | 0.30126 | 0.2183 | mg/L | 0.30126 | 137.98% | |
| Cr 267.716 | 24.0 | 0.0004 | mg/L | 0.00012 | 0.0004 | mg/L | 0.00012 | 27.83% | |
| Cu 324.752 | -148.5 | -0.0005 | mg/L | 0.00170 | -0.0005 | mg/L | 0.00170 | 344.55% | |
| Fe 273.955 | 34221.2 | 0.9175 | mg/L | 0.86660 | 0.9175 | mg/L | 0.86660 | 94.45% | |
| Mg 279.077 | 4479.6 | 0.1643 | mg/L | 0.15251 | 0.1643 | mg/L | 0.15251 | 92.80% | |
| Mn 257.610 | 14606.0 | 0.0216 | mg/L | 0.02036 | 0.0216 | mg/L | 0.02036 | 94.31% | |
| Ni 231.604 | -1.5 | -0.0001 | mg/L | 0.00009 | -0.0001 | mg/L | 0.00009 | 134.19% | |
| Pb 220.353 | -8.9 | -0.0016 | mg/L | 0.00005 | -0.0016 | mg/L | 0.00005 | 3.03% | |
| Tl 190.801 | -3.6 | -0.0024 | mg/L | 0.00007 | -0.0024 | mg/L | 0.00007 | 3.04% | |
| V 292.402 | 133.2 | 0.0012 | mg/L | 0.00096 | 0.0012 | mg/L | 0.00096 | 80.75% | |
| Ti 334.940 | 2996.1 | 0.0032 | mg/L | 0.00305 | 0.0032 | mg/L | 0.00305 | 96.84% | |
| Ca 227.546 | -31.1 | -0.1319 | mg/L | 0.00646 | -0.1319 | mg/L | 0.00646 | 4.90% | |

Sequence No.: 25
Sample ID: F0936-16B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 109
Date Collected: 8/6/2007 11:36:18 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-16B,31386

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|----------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | | Units | | | |
| Al 308.215 | 3091506.8 | 88.105 | mg/L | 0.6583 | 88.105 | mg/L | 0.6583 | 0.75% | |
| Cr 267.716 | 7058.0 | 0.1306 | mg/L | 0.00208 | 0.1306 | mg/L | 0.00208 | 1.59% | |
| Cu 324.752 | 92926.0 | 0.2991 | mg/L | 0.00168 | 0.2991 | mg/L | 0.00168 | 0.56% | |
| Fe 273.955 | 8471713.0 | 227.51 | mg/L | 1.466 | 227.51 | mg/L | 1.466 | 0.64% | |
| Mg 279.077 | 882202.7 | 32.338 | mg/L | 0.1962 | 32.338 | mg/L | 0.1962 | 0.61% | |
| Mn 257.610 | 2476908.8 | 3.6600 | mg/L | 0.03151 | 3.6600 | mg/L | 0.03151 | 0.86% | |
| Ni 231.604 | 4356.5 | 0.1879 | mg/L | 0.00006 | 0.1879 | mg/L | 0.00006 | 0.03% | |
| Pb 220.353 | 617.6 | 0.1155 | mg/L | 0.00113 | 0.1155 | mg/L | 0.00113 | 0.98% | |
| Tl 190.801 | -16.2 | 0.0423 | mg/L | 0.00182 | 0.0423 | mg/L | 0.00182 | 4.31% | |
| V 292.402 | 21122.4 | 0.1907 | mg/L | 0.00203 | 0.1907 | mg/L | 0.00203 | 1.06% | |
| Ti 334.940 | 1816472.3 | 1.9112 | mg/L | 0.01835 | 1.9112 | mg/L | 0.01835 | 0.96% | |
| Ca 227.546 | 7472.0 | 22.121 | mg/L | 0.0518 | 22.121 | mg/L | 0.0518 | 0.23% | |

Sequence No.: 26

Autosampler Location: 110

Sample ID: F0936-18B,31386

Date Collected: 8/6/2007 11:39:32 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-18B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|----------|--------|-------|----------|-------|
| | Intensity | Conc. | Units | | Conc. | Units | | |
| Al 308.215 | 5159167.3 | 147.03 | mg/L | 1.090 | 147.03 | mg/L | 1.090 | 0.74% |
| Cr 267.716 | 13204.9 | 0.2426 | mg/L | 0.00035 | 0.2426 | mg/L | 0.00035 | 0.15% |
| Cu 324.752 | 117143.9 | 0.3774 | mg/L | 0.00067 | 0.3774 | mg/L | 0.00067 | 0.18% |
| Fe 273.955 | 7758272.8 | 208.69 | mg/L | 1.351 | 208.69 | mg/L | 1.351 | 0.65% |
| Mg 279.077 | 1396296.8 | 51.247 | mg/L | 0.3063 | 51.247 | mg/L | 0.3063 | 0.60% |
| Mn 257.610 | 3705045.5 | 5.4748 | mg/L | 0.03902 | 5.4748 | mg/L | 0.03902 | 0.71% |
| Ni 231.604 | 5781.1 | 0.2507 | mg/L | 0.00006 | 0.2507 | mg/L | 0.00006 | 0.03% |
| Pb 220.353 | 14245.0 | 2.5625 | mg/L | 0.01275 | 2.5625 | mg/L | 0.01275 | 0.50% |
| Tl 190.801 | -9.3 | 0.0406 | mg/L | 0.00155 | 0.0406 | mg/L | 0.00155 | 3.81% |
| V 292.402 | 34332.7 | 0.3075 | mg/L | 0.00141 | 0.3075 | mg/L | 0.00141 | 0.46% |
| Ti 334.940 | 1118958.6 | 1.1773 | mg/L | 0.00897 | 1.1773 | mg/L | 0.00897 | 0.76% |
| Ca 227.546 | 5645.1 | 15.933 | mg/L | 0.1214 | 15.933 | mg/L | 0.1214 | 0.76% |

User canceled analysis.

=====
Analysis Begun

Start Time: 8/6/2007 11:42:51 AM
 Logged In Analyst: optima3
 Spectrometer Model: Optima 4300 DV, S/N 077N3102302

Plasma On Time: 8/6/2007 5:57:59 AM
 Technique: ICP Continuous
 Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0806B.sif
 Batch ID:
 Results Data Set: B07080602
 Results Library: C:\pe\Administrator\Results\Results.mdb

=====
 Sequence No.: 1
 Sample ID: F0936-20B,31386
 Analyst:
 Initial Sample Wt:
 Dilution:

10X Pb

Autosampler Location: 111
 Date Collected: 8/6/2007 11:42:51 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0936-20B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 268631.0 | 7.6557 | mg/L | 0.03798 | 7.6557 | mg/L | 0.50% |
| Cr 267.716 | 1863.0 | 0.0339 | mg/L | 0.00059 | 0.0339 | mg/L | 1.75% |
| Cu 324.752 | 226980.0 | 0.7345 | mg/L | 0.00160 | 0.7345 | mg/L | 0.22% |
| Fe 273.955 | 1041011.0 | 28.015 | mg/L | 0.1078 | 28.015 | mg/L | 0.38% |
| Mg 279.077 | 80180.9 | 2.9393 | mg/L | 0.01170 | 2.9393 | mg/L | 0.40% |
| Mn 257.610 | 428468.0 | 0.6331 | mg/L | 0.00398 | 0.6331 | mg/L | 0.63% |
| Ni 231.604 | 510.9 | 0.0225 | mg/L | 0.00004 | 0.0225 | mg/L | 0.17% |
| Pb 220.353 | 12168.7 | 2.1825 | mg/L | 0.00581 | 2.1825 | mg/L | 0.27% |
| Tl 190.801 | -4.1 | 0.0042 | mg/L | 0.00039 | 0.0042 | mg/L | 9.40% |
| V 292.402 | 2865.9 | 0.0258 | mg/L | 0.00047 | 0.0258 | mg/L | 1.83% |
| Ti 334.940 | 111455.0 | 0.1175 | mg/L | 0.00073 | 0.1175 | mg/L | 0.62% |
| Ca 227.546 | 6116.6 | 21.476 | mg/L | 0.1434 | 21.476 | mg/L | 0.67% |

=====
 Sequence No.: 2
 Sample ID: CRI
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 7
 Date Collected: 8/6/2007 11:46:08 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: CRI

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|---------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 7611.5 | 0.2165 | mg/L | 0.00380 | 0.2165 | mg/L | 1.75% |
| Cr 267.716 | 588.7 | 0.0107 | mg/L | 0.00004 | 0.0107 | mg/L | 0.37% |
| Cu 324.752 | 7929.2 | 0.0258 | mg/L | 0.00026 | 0.0258 | mg/L | 0.99% |
| Fe 273.955 | 4767.3 | 0.1540 | mg/L | 0.01316 | 0.1540 | mg/L | 8.54% |
| Mg 279.077 | 148492.8 | 5.4534 | mg/L | 0.02808 | 5.4534 | mg/L | 0.51% |
| Mn 257.610 | 11605.7 | 0.0171 | mg/L | 0.00028 | 0.0171 | mg/L | 1.65% |
| Ni 231.604 | 1040.6 | 0.0447 | mg/L | 0.00005 | 0.0447 | mg/L | 0.11% |
| Pb 220.353 | 67.9 | 0.0122 | mg/L | 0.00061 | 0.0122 | mg/L | 5.02% |
| Tl 190.801 | 37.4 | 0.0272 | mg/L | 0.00033 | 0.0272 | mg/L | 1.23% |
| V 292.402 | 6180.3 | 0.0546 | mg/L | 0.00039 | 0.0546 | mg/L | 0.72% |
| Ti 334.940 | -42.3 | 0.0000 | mg/L | 0.00002 | 0.0000 | mg/L | 122.61% |
| Ca 227.546 | 1371.1 | 4.9417 | mg/L | 0.00191 | 4.9417 | mg/L | 0.04% |

=====
 Sequence No.: 3
 Sample ID: ICESA
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 5
 Date Collected: 8/6/2007 11:49:11 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: ICESA

| Mean Corrected | Calib | Sample |
|----------------|-------|--------|
|----------------|-------|--------|

| Analyte | Intensity | Conc. Units | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|--|------------|---------------|----------|--------------|----------|--------|
| Al 308.215 | 17592929.0 | 501.39 mg/L | 2.449 | 501.39 mg/L | 2.449 | 0.49% |
| Cr 267.716 | -133.9 | 0.0149 mg/L | 0.00025 | 0.0149 mg/L | 0.00025 | 1.67% |
| Cu 324.752 | -6083.3 | -0.0056 mg/L | 0.00010 | -0.0056 mg/L | 0.00010 | 1.85% |
| Fe 273.955 | 6756161.9 | 186.08 mg/L ✓ | 0.809 | 186.08 mg/L | 0.809 | 0.43% |
| Mg 279.077 | 12888363.5 | 473.23 mg/L | 2.330 | 473.23 mg/L | 2.330 | 0.49% |
| Mn 257.610 | 1474.6 | 0.0022 mg/L | 0.00012 | 0.0022 mg/L | 0.00012 | 5.32% |
| Saturated outside survey window (code 6) | | | | | | |
| Ni 231.604 | 52.8 | 0.0266 mg/L | 0.00047 | 0.0266 mg/L | 0.00047 | 1.77% |
| Pb 220.353 | -169.2 | 0.0058 mg/L ✓ | 0.00102 | 0.0058 mg/L | 0.00102 | 17.63% |
| Tl 190.801 | -10.7 | 0.0071 mg/L | 0.00131 | 0.0071 mg/L | 0.00131 | 18.53% |
| V 292.402 | -475.8 | -0.0011 mg/L | 0.00007 | -0.0011 mg/L | 0.00007 | 5.81% |
| Ti 334.940 | -5747.8 | 0.0003 mg/L | 0.00009 | 0.0003 mg/L | 0.00009 | 32.82% |
| Ca 227.546 | 146833.4 | 525.99 mg/L | 2.694 | 525.99 mg/L | 2.694 | 0.51% |

Sequence No.: 4

Sample ID: ICSAB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 6

Date Collected: 8/6/2007 11:52:25 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Al 308.215 | 16304445.1 | 464.67 mg/L | 4.261 | 464.67 mg/L | 4.261 | 0.92% |
| Cr 267.716 | 24635.7 | 0.4647 mg/L | 0.00121 | 0.4647 mg/L | 0.00121 | 0.26% |
| Cu 324.752 | 141342.9 | 0.4702 mg/L | 0.00231 | 0.4702 mg/L | 0.00231 | 0.49% |
| Fe 273.955 | 6309969.1 | 173.75 mg/L ✓ | 1.517 | 173.75 mg/L | 1.517 | 0.87% |
| Mg 279.077 | 11995469.8 | 440.45 mg/L | 3.825 | 440.45 mg/L | 3.825 | 0.87% |
| Mn 257.610 | 308893.6 | 0.4565 mg/L | 0.00222 | 0.4565 mg/L | 0.00222 | 0.49% |
| Ni 231.604 | 19341.4 | 0.8509 mg/L | 0.00296 | 0.8509 mg/L | 0.00296 | 0.35% |
| Pb 220.353 | 79.1 | 0.0476 mg/L ✓ | 0.00013 | 0.0476 mg/L | 0.00013 | 0.27% |
| Tl 190.801 | 96.8 | 0.0845 mg/L | 0.00259 | 0.0845 mg/L | 0.00259 | 3.06% |
| V 292.402 | 51380.0 | 0.4576 mg/L | 0.00032 | 0.4576 mg/L | 0.00032 | 0.07% |
| Ti 334.940 | -5488.3 | 0.0000 mg/L | 0.00004 | 0.0000 mg/L | 0.00004 | 175.47% |
| Ca 227.546 | 135676.9 | 485.94 mg/L | 2.175 | 485.94 mg/L | 2.175 | 0.45% |

Sequence No.: 5

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/6/2007 11:55:35 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Al 308.215 | 349590.1 | 9.9434 mg/L | 0.05277 | 9.9434 mg/L | 0.05277 | 0.53% |
| Cr 267.716 | 56005.5 | 1.0197 mg/L | 0.01200 | 1.0197 mg/L | 0.01200 | 1.18% |
| Cu 324.752 | 379470.9 | 1.2282 mg/L | 0.00490 | 1.2282 mg/L | 0.00490 | 0.40% |
| Fe 273.955 | 190460.3 | 5.2764 mg/L ✓ | 0.02127 | 5.2764 mg/L | 0.02127 | 0.40% |
| Mg 279.077 | 687081.9 | 25.262 mg/L | 0.1224 | 25.262 mg/L | 0.1224 | 0.48% |
| Mn 257.610 | 1718995.1 | 2.5401 mg/L | 0.01276 | 2.5401 mg/L | 0.01276 | 0.50% |
| Ni 231.604 | 59729.0 | 2.5588 mg/L | 0.03794 | 2.5588 mg/L | 0.03794 | 1.48% |
| Pb 220.353 | 2817.8 | 0.5059 mg/L ✓ | 0.00183 | 0.5059 mg/L | 0.00183 | 0.36% |
| Tl 190.801 | 701.6 | 0.5109 mg/L | 0.00008 | 0.5109 mg/L | 0.00008 | 0.02% |
| V 292.402 | 286460.8 | 2.5328 mg/L | 0.02755 | 2.5328 mg/L | 0.02755 | 1.09% |
| Ti 334.940 | 428.1 | 0.0006 mg/L | 0.00001 | 0.0006 mg/L | 0.00001 | 1.31% |
| Ca 227.546 | 6892.2 | 24.597 mg/L | 0.0173 | 24.597 mg/L | 0.0173 | 0.07% |

Sequence No.: 6

Sample ID: CCB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/6/2007 11:58:42 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|---------|-------|---------|----------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | | Units | | | |
| Al 308.215 | 512.4 | 0.0146 | mg/L | 0.00061 | 0.0146 | mg/L | 0.00061 | 4.18% | |
| Cr 267.716 | -0.7 | 0.0000 | mg/L | 0.00007 | 0.0000 | mg/L | 0.00007 | 577.50% | |
| Cu 324.752 | -255.7 | -0.0008 | mg/L | 0.00007 | -0.0008 | mg/L | 0.00007 | 8.61% | |
| Fe 273.955 | 348.4 | 0.0095 | mg/L | 0.00026 | 0.0095 | mg/L | 0.00026 | 2.74% | |
| Mg 279.077 | 438.5 | 0.0161 | mg/L | 0.00336 | 0.0161 | mg/L | 0.00336 | 20.87% | |
| Mn 257.610 | 169.4 | 0.0003 | mg/L | 0.00002 | 0.0003 | mg/L | 0.00002 | 8.81% | |
| Ni 231.604 | 9.4 | 0.0004 | mg/L | 0.00010 | 0.0004 | mg/L | 0.00010 | 25.31% | |
| Pb 220.353 | 2.2 | 0.0004 | mg/L | 0.00011 | 0.0004 | mg/L | 0.00011 | 27.68% | |
| Tl 190.801 | 0.5 | 0.0003 | mg/L | 0.00242 | 0.0003 | mg/L | 0.00242 | 734.29% | |
| V 292.402 | 34.1 | 0.0003 | mg/L | 0.00010 | 0.0003 | mg/L | 0.00010 | 34.05% | |
| Ti 334.940 | -46.8 | 0.0000 | mg/L | 0.00001 | 0.0000 | mg/L | 0.00001 | 24.46% | |
| Ca 227.546 | 2.6 | 0.0091 | mg/L | 0.02749 | 0.0091 | mg/L | 0.02749 | 301.32% | |

Sequence No.: 7

Sample ID: F0981-03B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 112

Date Collected: 8/6/2007 12:02:23 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-03B,31386

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|----------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | | Units | | | |
| Al 308.215 | 7801645.3 | 222.34 | mg/L | 0.126 | 222.34 | mg/L | 0.126 | 0.06% | |
| Cr 267.716 | 18946.3 | 0.3518 | mg/L | 0.00164 | 0.3518 | mg/L | 0.00164 | 0.47% | |
| Cu 324.752 | 128566.3 | 0.4144 | mg/L | 0.00564 | 0.4144 | mg/L | 0.00564 | 1.36% | |
| Fe 273.955 | 13147829.5 | 353.70 | mg/L | 0.111 | 353.70 | mg/L | 0.111 | 0.03% | |
| Mg 279.077 | 3342302.2 | 122.64 | mg/L | 1.476 | 122.64 | mg/L | 1.476 | 1.20% | |
| Mn 257.610 | 3170483.4 | 4.6849 | mg/L | 0.00661 | 4.6849 | mg/L | 0.00661 | 0.14% | |
| Ni 231.604 | 13768.9 | 0.5945 | mg/L | 0.00120 | 0.5945 | mg/L | 0.00120 | 0.20% | |
| Pb 220.353 | 1110.6 | 0.2125 | mg/L | 0.00078 | 0.2125 | mg/L | 0.00078 | 0.37% | |
| Tl 190.801 | -20.9 | 0.0621 | mg/L | 0.00078 | 0.0621 | mg/L | 0.00078 | 1.26% | |
| V 292.402 | 32392.9 | 0.2927 | mg/L | 0.00033 | 0.2927 | mg/L | 0.00033 | 0.11% | |
| Ti 334.940 | 2679390.1 | 2.8194 | mg/L | 0.00493 | 2.8194 | mg/L | 0.00493 | 0.17% | |
| Ca 227.546 | 18683.8 | 59.883 | mg/L | 0.2058 | 59.883 | mg/L | 0.2058 | 0.34% | |

Sequence No.: 8

Sample ID: F0981-04B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 113

Date Collected: 8/6/2007 12:05:40 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-04B,31386

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|----------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | | Units | | | |
| Al 308.215 | 5324410.0 | 151.74 | mg/L | 0.205 | 151.74 | mg/L | 0.205 | 0.14% | |
| Cr 267.716 | 13758.3 | 0.2529 | mg/L | 0.00047 | 0.2529 | mg/L | 0.00047 | 0.19% | |
| Cu 324.752 | 183166.8 | 0.5941 | mg/L | 0.00021 | 0.5941 | mg/L | 0.00021 | 0.03% | |
| Fe 273.955 | 12472614.5 | 335.66 | mg/L | 0.509 | 335.66 | mg/L | 0.509 | 0.15% | |
| Mg 279.077 | 3535079.2 | 129.75 | mg/L | 0.190 | 129.75 | mg/L | 0.190 | 0.15% | |
| Mn 257.610 | 4821556.6 | 7.1246 | mg/L | 0.00242 | 7.1246 | mg/L | 0.00242 | 0.03% | |
| Ni 231.604 | 7225.9 | 0.3159 | mg/L | 0.00082 | 0.3159 | mg/L | 0.00082 | 0.26% | |
| Pb 220.353 | 11716.2 | 2.1104 | mg/L | 0.00252 | 2.1104 | mg/L | 0.00252 | 0.12% | |
| Tl 190.801 | -28.8 | 0.0609 | mg/L | 0.00051 | 0.0609 | mg/L | 0.00051 | 0.84% | |
| V 292.402 | 34731.8 | 0.3133 | mg/L | 0.00034 | 0.3133 | mg/L | 0.00034 | 0.11% | |
| Ti 334.940 | 1461511.6 | 1.5394 | mg/L | 0.00108 | 1.5394 | mg/L | 0.00108 | 0.07% | |
| Ca 227.546 | 46322.8 | 160.03 | mg/L | 0.468 | 160.03 | mg/L | 0.468 | 0.29% | |

Sequence No.: 9

Sample ID: F0981-05B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 114

Date Collected: 8/6/2007 12:08:56 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-05B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|-------------|----------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. Units | Std.Dev. | |
| Al 308.215 | 5054017.4 | 144.04 | mg/L | 1.813 | 144.04 | mg/L | 1.26% |
| Cr 267.716 | 12904.7 | 0.2335 | mg/L | 0.00070 | 0.2335 | mg/L | 0.30% |
| Cu 324.752 | 166641.7 | 0.5365 | mg/L | 0.00367 | 0.5365 | mg/L | 0.68% |
| Fe 273.955 | 13375426.2 | 359.22 | mg/L | 3.900 | 359.22 | mg/L | 1.09% |
| Mg 279.077 | 1690332.0 | 62.046 | mg/L | 0.4457 | 62.046 | mg/L | 0.72% |
| Mn 257.610 | 7696204.1 | 11.372 | mg/L | 0.1457 | 11.372 | mg/L | 1.28% |
| Ni 231.604 | 7193.1 | 0.3116 | mg/L | 0.00022 | 0.3116 | mg/L | 0.07% |
| Pb 220.353 | 8938.4 | 1.6095 | mg/L | 0.00196 | 1.6095 | mg/L | 0.12% |
| Tl 190.801 | -19.1 | 0.0786 | mg/L | 0.00095 | 0.0786 | mg/L | 1.21% |
| V 292.402 | 30976.5 | 0.2809 | mg/L | 0.00154 | 0.2809 | mg/L | 0.55% |
| Ti 334.940 | 1002638.2 | 1.0551 | mg/L | 0.00628 | 1.0551 | mg/L | 0.60% |
| Ca 227.546 | 10117.1 | 28.879 | mg/L | 0.0562 | 28.879 | mg/L | 0.19% |

Sequence No.: 10

Sample ID: F0981-07B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 115

Date Collected: 8/6/2007 12:12:12 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

5x Pb

Mean Data: F0981-07B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|-------------|----------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. Units | Std.Dev. | |
| Al 308.215 | 695380.1 | 19.818 | mg/L | 0.1216 | 19.818 | mg/L | 0.61% |
| Cr 267.716 | 2101.2 | 0.0387 | mg/L | 0.00020 | 0.0387 | mg/L | 0.51% |
| Cu 324.752 | 73277.1 | 0.2373 | mg/L | 0.00028 | 0.2373 | mg/L | 0.12% |
| Fe 273.955 | 1909521.5 | 51.360 | mg/L | 0.3607 | 51.360 | mg/L | 0.70% |
| Mg 279.077 | 247792.2 | 9.0876 | mg/L | 0.01592 | 9.0876 | mg/L | 0.18% |
| Mn 257.610 | 630603.9 | 0.9318 | mg/L | 0.00494 | 0.9318 | mg/L | 0.53% |
| Ni 231.604 | 1663.0 | 0.0721 | mg/L | 0.00001 | 0.0721 | mg/L | 0.01% |
| Pb 220.353 | 6069.8 | 1.0897 | mg/L | 0.00016 | 1.0897 | mg/L | 0.01% |
| Tl 190.801 | -5.2 | 0.0087 | mg/L | 0.00129 | 0.0087 | mg/L | 14.91% |
| V 292.402 | 6471.5 | 0.0581 | mg/L | 0.00048 | 0.0581 | mg/L | 0.83% |
| Ti 334.940 | 296887.2 | 0.3126 | mg/L | 0.00171 | 0.3126 | mg/L | 0.55% |
| Ca 227.546 | 7024.5 | 24.256 | mg/L | 0.0545 | 24.256 | mg/L | 0.22% |

Sequence No.: 11

Sample ID: F0981-08B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 116

Date Collected: 8/6/2007 12:15:25 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-08B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|-------------|----------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. Units | Std.Dev. | |
| Al 308.215 | 5877333.6 | 167.50 | mg/L | 0.238 | 167.50 | mg/L | 0.14% |
| Cr 267.716 | 16810.2 | 0.3130 | mg/L | 0.00072 | 0.3130 | mg/L | 0.23% |
| Cu 324.752 | 105441.6 | 0.3387 | mg/L | 0.00036 | 0.3387 | mg/L | 0.11% |
| Fe 273.955 | 10703726.3 | 287.72 | mg/L | 0.358 | 287.72 | mg/L | 0.12% |
| Mg 279.077 | 2406881.9 | 88.282 | mg/L | 0.3869 | 88.282 | mg/L | 0.44% |
| Mn 257.610 | 1305465.3 | 1.9290 | mg/L | 0.00551 | 1.9290 | mg/L | 0.29% |
| Ni 231.604 | 9780.3 | 0.4219 | mg/L | 0.00179 | 0.4219 | mg/L | 0.43% |
| Pb 220.353 | 723.7 | 0.1398 | mg/L | 0.00241 | 0.1398 | mg/L | 1.72% |
| Tl 190.801 | -21.1 | 0.0464 | mg/L | 0.00304 | 0.0464 | mg/L | 6.56% |
| V 292.402 | 22516.8 | 0.2042 | mg/L | 0.00119 | 0.2042 | mg/L | 0.58% |
| Ti 334.940 | 1752682.5 | 1.8439 | mg/L | 0.00534 | 1.8439 | mg/L | 0.29% |
| Ca 227.546 | 4934.6 | 11.664 | mg/L | 0.0217 | 11.664 | mg/L | 0.19% |

Sequence No.: 12

Sample ID: F0981-09B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 117

Date Collected: 8/6/2007 12:18:40 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-09B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|---------|-------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 3984383.3 | 113.55 mg/L | 0.077 | 113.55 mg/L | 0.077 | 0.07% | |
| Cr 267.716 | 11090.3 | 0.2043 mg/L | 0.00102 | 0.2043 mg/L | 0.00102 | 0.50% | |
| Cu 324.752 | 102963.5 | 0.3315 mg/L | 0.00106 | 0.3315 mg/L | 0.00106 | 0.32% | |
| Fe 273.955 | 8775322.9 | 235.82 mg/L | 0.020 | 235.82 mg/L | 0.020 | 0.01% | |
| Mg 279.077 | 2123260.2 | 77.919 mg/L | 0.0102 | 77.919 mg/L | 0.0102 | 0.01% | |
| Mn 257.610 | 3003281.0 | 4.4378 mg/L | 0.00303 | 4.4378 mg/L | 0.00303 | 0.07% | |
| Ni 231.604 | 6661.3 | 0.2878 mg/L | 0.00150 | 0.2878 mg/L | 0.00150 | 0.52% | |
| Pb 220.353 | 640.0 | 0.1211 mg/L | 0.00211 | 0.1211 mg/L | 0.00211 | 1.74% | |
| Tl 190.801 | -18.2 | 0.0428 mg/L | 0.00052 | 0.0428 mg/L | 0.00052 | 1.21% | |
| V 292.402 | 24294.5 | 0.2192 mg/L | 0.00271 | 0.2192 mg/L | 0.00271 | 1.24% | |
| Ti 334.940 | 997417.6 | 1.0495 mg/L | 0.00077 | 1.0495 mg/L | 0.00077 | 0.07% | |
| Ca 227.546 | 7320.4 | 21.392 mg/L | 0.0498 | 21.392 mg/L | 0.0498 | 0.23% | |

Sequence No.: 13

Sample ID: F0981-10B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 118

Date Collected: 8/6/2007 12:21:54 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-10B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|---------|-------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 7878547.7 | 224.53 mg/L | 0.672 | 224.53 mg/L | 0.672 | 0.30% | |
| Cr 267.716 | 24919.6 | 0.4628 mg/L | 0.00467 | 0.4628 mg/L | 0.00467 | 1.01% | |
| Cu 324.752 | 125868.8 | 0.4042 mg/L | 0.00112 | 0.4042 mg/L | 0.00112 | 0.28% | |
| Fe 273.955 | 14984608.1 | 402.77 mg/L | 1.920 | 402.77 mg/L | 1.920 | 0.48% | |
| Mg 279.077 | 3046188.5 | 111.72 mg/L | 0.155 | 111.72 mg/L | 0.155 | 0.14% | |
| Mn 257.610 | 2088230.8 | 3.0857 mg/L | 0.00467 | 3.0857 mg/L | 0.00467 | 0.15% | |
| Ni 231.604 | 12056.1 | 0.5204 mg/L | 0.00252 | 0.5204 mg/L | 0.00252 | 0.48% | |
| Pb 220.353 | 903.2 | 0.1754 mg/L | 0.00028 | 0.1754 mg/L | 0.00028 | 0.16% | |
| Tl 190.801 | -33.2 | 0.0632 mg/L | 0.00563 | 0.0632 mg/L | 0.00563 | 8.90% | |
| V 292.402 | 35639.9 | 0.3224 mg/L | 0.00178 | 0.3224 mg/L | 0.00178 | 0.55% | |
| Ti 334.940 | 2623622.2 | 2.7603 mg/L | 0.00687 | 2.7603 mg/L | 0.00687 | 0.25% | |
| Ca 227.546 | 9965.3 | 27.367 mg/L | 0.1632 | 27.367 mg/L | 0.1632 | 0.60% | |

Sequence No.: 14

Sample ID: F0981-11B,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 119

Date Collected: 8/6/2007 12:25:10 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-11B,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|---------|-------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 5416373.2 | 154.36 mg/L | 0.083 | 154.36 mg/L | 0.083 | 0.05% | |
| Cr 267.716 | 13538.5 | 0.2506 mg/L | 0.00023 | 0.2506 mg/L | 0.00023 | 0.09% | |
| Cu 324.752 | 80775.1 | 0.2593 mg/L | 0.00266 | 0.2593 mg/L | 0.00266 | 1.02% | |
| Fe 273.955 | 10300225.7 | 276.85 mg/L | 0.403 | 276.85 mg/L | 0.403 | 0.15% | |
| Mg 279.077 | 1651016.6 | 60.558 mg/L | 0.5827 | 60.558 mg/L | 0.5827 | 0.96% | |
| Mn 257.610 | 3018132.1 | 4.4597 mg/L | 0.00542 | 4.4597 mg/L | 0.00542 | 0.12% | |
| Ni 231.604 | 6549.8 | 0.2837 mg/L | 0.00012 | 0.2837 mg/L | 0.00012 | 0.04% | |
| Pb 220.353 | 717.9 | 0.1375 mg/L | 0.00033 | 0.1375 mg/L | 0.00033 | 0.24% | |
| Tl 190.801 | -19.4 | 0.0486 mg/L | 0.00287 | 0.0486 mg/L | 0.00287 | 5.91% | |
| V 292.402 | 25269.2 | 0.2285 mg/L | 0.00327 | 0.2285 mg/L | 0.00327 | 1.43% | |
| Ti 334.940 | 1488773.4 | 1.5664 mg/L | 0.02005 | 1.5664 mg/L | 0.02005 | 1.28% | |
| Ca 227.546 | 7481.9 | 21.106 mg/L | 0.0066 | 21.106 mg/L | 0.0066 | 0.03% | |

Sequence No.: 15

Sample ID: F0981-11BDUP,31386

Analyst:

Initial Sample Wt:

Autosampler Location: 120

Date Collected: 8/6/2007 12:28:26 PM

Data Type: Original

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0981-11BDUP,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 5252699.5 | | 149.70 mg/L | 0.087 | 149.70 mg/L | 0.087 | 0.06% |
| Cr 267.716 | 11450.2 | | 0.2117 mg/L | 0.00039 | 0.2117 mg/L | 0.00039 | 0.18% |
| Cu 324.752 | 77944.7 | | 0.2501 mg/L | 0.00001 | 0.2501 mg/L | 0.00001 | 0.00% |
| Fe 273.955 | 9943648.2 | | 267.24 mg/L | 0.670 | 267.24 mg/L | 0.670 | 0.25% |
| Mg 279.077 | 1218483.9 | | 44.686 mg/L | 0.0673 | 44.686 mg/L | 0.0673 | 0.15% |
| Mn 257.610 | 3459158.9 | | 5.1114 mg/L | 0.01218 | 5.1114 mg/L | 0.01218 | 0.24% |
| Ni 231.604 | 5878.6 | | 0.2547 mg/L | 0.00014 | 0.2547 mg/L | 0.00014 | 0.06% |
| Pb 220.353 | 737.8 | | 0.1405 mg/L | 0.00099 | 0.1405 mg/L | 0.00099 | 0.71% |
| Tl 190.801 | -14.5 | | 0.0507 mg/L | 0.00041 | 0.0507 mg/L | 0.00041 | 0.81% |
| V 292.402 | 25560.7 | | 0.2309 mg/L | 0.00001 | 0.2309 mg/L | 0.00001 | 0.01% |
| Ti 334.940 | 1461916.7 | | 1.5381 mg/L | 0.00686 | 1.5381 mg/L | 0.00686 | 0.45% |
| Ca 227.546 | 5799.0 | | 15.242 mg/L | 0.0182 | 15.242 mg/L | 0.0182 | 0.12% |

Sequence No.: 16

Sample ID: F0981-11BMS,31386

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 12

Date Collected: 8/6/2007 12:31:42 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-11BMS,31386

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 5259149.5 | | 149.87 mg/L | 0.279 | 149.87 mg/L | 0.279 | 0.19% |
| Cr 267.716 | 35105.5 | | 0.6435 mg/L | 0.00163 | 0.6435 mg/L | 0.00163 | 0.25% |
| Cu 324.752 | 221291.3 | | 0.7142 mg/L | 0.00004 | 0.7142 mg/L | 0.00004 | 0.01% |
| Fe 273.955 | 8732051.9 | | 234.80 mg/L | 0.450 | 234.80 mg/L | 0.450 | 0.19% |
| Mg 279.077 | 1417902.4 | | 52.016 mg/L | 0.0976 | 52.016 mg/L | 0.0976 | 0.19% |
| Mn 257.610 | 2906118.5 | | 4.2943 mg/L | 0.01504 | 4.2943 mg/L | 0.01504 | 0.35% |
| Ni 231.604 | 29764.1 | | 1.2780 mg/L | 0.00188 | 1.2780 mg/L | 0.00188 | 0.15% |
| Pb 220.353 | 759.6 | | 0.1448 mg/L | 0.00022 | 0.1448 mg/L | 0.00022 | 0.15% |
| Tl 190.801 | 119.7 | | 0.1385 mg/L | 0.00378 | 0.1385 mg/L | 0.00378 | 2.73% |
| V 292.402 | 136038.7 | | 1.2071 mg/L | 0.00193 | 1.2071 mg/L | 0.00193 | 0.16% |
| Ti 334.940 | 1221778.5 | | 1.2855 mg/L | 0.00610 | 1.2855 mg/L | 0.00610 | 0.47% |
| Ca 227.546 | 6597.5 | | 18.744 mg/L | 0.0663 | 18.744 mg/L | 0.0663 | 0.35% |

Sequence No.: 17

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/6/2007 12:34:56 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 346977.5 | | 9.8688 mg/L | 0.03682 | 9.8688 mg/L | 0.03682 | 0.37% |
| Cr 267.716 | 56735.3 | | 1.0330 mg/L | 0.00494 | 1.0330 mg/L | 0.00494 | 0.48% |
| Cu 324.752 | 376565.6 | | 1.2188 mg/L | 0.00225 | 1.2188 mg/L | 0.00225 | 0.18% |
| Fe 273.955 | 188673.0 | | 5.2274 mg/L | 0.01819 | 5.2274 mg/L | 0.01819 | 0.35% |
| Mg 279.077 | 677523.1 | | 24.911 mg/L | 0.0681 | 24.911 mg/L | 0.0681 | 0.27% |
| Mn 257.610 | 1714950.9 | | 2.5342 mg/L | 0.00634 | 2.5342 mg/L | 0.00634 | 0.25% |
| Ni 231.604 | 60315.1 | | 2.5839 mg/L | 0.01123 | 2.5839 mg/L | 0.01123 | 0.43% |
| Pb 220.353 | 2809.1 | | 0.5044 mg/L | 0.00009 | 0.5044 mg/L | 0.00009 | 0.02% |
| Tl 190.801 | 698.1 | | 0.5083 mg/L | 0.00182 | 0.5083 mg/L | 0.00182 | 0.36% |
| V 292.402 | 288695.1 | | 2.5526 mg/L | 0.01207 | 2.5526 mg/L | 0.01207 | 0.47% |
| Ti 334.940 | 715.4 | | 0.0009 mg/L | 0.00005 | 0.0009 mg/L | 0.00005 | 5.57% |
| Ca 227.546 | 6865.4 | | 24.500 mg/L | 0.0951 | 24.500 mg/L | 0.0951 | 0.39% |

Sequence No.: 18

Sample ID: CCB

Analyst:

Autosampler Location: 4

Date Collected: 8/6/2007 12:38:03 PM

Data Type: Original

Initial Sample Wt:
Dilution:

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------------|---------|--------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 311.3 | 0.0089 mg/L | 0.00000 | 0.0089 mg/L | 0.00000 | 0.05% | |
| Cr 267.716 | 2.9 | 0.0001 mg/L | 0.00001 | 0.0001 mg/L | 0.00001 | 25.54% | |
| Cu 324.752 | -303.3 | -0.0010 mg/L | 0.00011 | -0.0010 mg/L | 0.00011 | 11.21% | |
| Fe 273.955 | 337.4 | 0.0091 mg/L | 0.00336 | 0.0091 mg/L | 0.00336 | 37.01% | |
| Mg 279.077 | 95.2 | 0.0035 mg/L | 0.00163 | 0.0035 mg/L | 0.00163 | 46.73% | |
| Mn 257.610 | 192.0 | 0.0003 mg/L | 0.00010 | 0.0003 mg/L | 0.00010 | 35.01% | |
| Ni 231.604 | 5.4 | 0.0002 mg/L | 0.00012 | 0.0002 mg/L | 0.00012 | 51.02% | |
| Pb 220.353 | -5.1 | -0.0009 mg/L | 0.00030 | -0.0009 mg/L | 0.00030 | 33.08% | |
| Tl 190.801 | 1.8 | 0.0013 mg/L | 0.00038 | 0.0013 mg/L | 0.00038 | 28.48% | |
| V 292.402 | 29.0 | 0.0003 mg/L | 0.00005 | 0.0003 mg/L | 0.00005 | 21.18% | |
| Ti 334.940 | -2.4 | 0.0000 mg/L | 0.00001 | 0.0000 mg/L | 0.00001 | 298.72% | |
| Ca 227.546 | -0.7 | -0.0026 mg/L | 0.03281 | -0.0026 mg/L | 0.03281 | >999.9% | |

Sequence No.: 19
Sample ID: F0981-11BSD,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 121
Date Collected: 8/6/2007 12:41:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11BSD,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|---------|-------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 1148733.4 | 32.738 mg/L | 0.1558 | 32.738 mg/L | 0.1558 | 0.48% | |
| Cr 267.716 | 2931.9 | 0.0543 mg/L | 0.00001 | 0.0543 mg/L | 0.00001 | 0.02% | |
| Cu 324.752 | 15993.5 | 0.0513 mg/L | 0.00009 | 0.0513 mg/L | 0.00009 | 0.17% | |
| Fe 273.955 | 2382529.5 | 64.021 mg/L | 0.3433 | 64.021 mg/L | 0.3433 | 0.54% | |
| Mg 279.077 | 359667.6 | 13.191 mg/L | 0.0260 | 13.191 mg/L | 0.0260 | 0.20% | |
| Mn 257.610 | 668770.1 | 0.9882 mg/L | 0.00475 | 0.9882 mg/L | 0.00475 | 0.48% | |
| Ni 231.604 | 1455.9 | 0.0630 mg/L | 0.00074 | 0.0630 mg/L | 0.00074 | 1.18% | |
| Pb 220.353 | 153.5 | 0.0294 mg/L | 0.00006 | 0.0294 mg/L | 0.00006 | 0.22% | |
| Tl 190.801 | -5.6 | 0.0106 mg/L | 0.00224 | 0.0106 mg/L | 0.00224 | 21.03% | |
| V 292.402 | 5330.9 | 0.0483 mg/L | 0.00022 | 0.0483 mg/L | 0.00022 | 0.46% | |
| Ti 334.940 | 320458.4 | 0.3372 mg/L | 0.00116 | 0.3372 mg/L | 0.00116 | 0.35% | |
| Ca 227.546 | 1577.9 | 4.3312 mg/L | 0.02642 | 4.3312 mg/L | 0.02642 | 0.61% | |

Sequence No.: 20
Sample ID: F0981-11BPDS,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 8/6/2007 12:44:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11BPDS,31386

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|---------|-------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 5111133.3 | 145.66 mg/L | 0.243 | 145.66 mg/L | 0.243 | 0.17% | |
| Cr 267.716 | 12928.7 | 0.2393 mg/L | 0.00093 | 0.2393 mg/L | 0.00093 | 0.39% | |
| Cu 324.752 | 74488.9 | 0.2391 mg/L | 0.00036 | 0.2391 mg/L | 0.00036 | 0.15% | |
| Fe 273.955 | 9773655.5 | 262.69 mg/L | 0.557 | 262.69 mg/L | 0.557 | 0.21% | |
| Mg 279.077 | 1548614.0 | 56.801 mg/L | 0.0169 | 56.801 mg/L | 0.0169 | 0.03% | |
| Mn 257.610 | 2855954.5 | 4.2201 mg/L | 0.00189 | 4.2201 mg/L | 0.00189 | 0.04% | |
| Ni 231.604 | 6274.7 | 0.2717 mg/L | 0.00035 | 0.2717 mg/L | 0.00035 | 0.13% | |
| Pb 220.353 | 2411.1 | 0.4406 mg/L | 0.00087 | 0.4406 mg/L | 0.00087 | 0.20% | |
| Tl 190.801 | -24.3 | 0.0420 mg/L | 0.00078 | 0.0420 mg/L | 0.00078 | 1.86% | |
| V 292.402 | 23768.2 | 0.2150 mg/L | 0.00031 | 0.2150 mg/L | 0.00031 | 0.14% | |
| Ti 334.940 | 1391622.9 | 1.4642 mg/L | 0.00114 | 1.4642 mg/L | 0.00114 | 0.08% | |
| Ca 227.546 | 7030.9 | 19.780 mg/L | 0.0477 | 19.780 mg/L | 0.0477 | 0.24% | |

Sequence No.: 21
Sample ID: MB-31385,31385

Autosampler Location: 126
Date Collected: 8/6/2007 12:48:13 PM

Analyst:
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31385,31385

| Analyte | Mean Corrected | | Calib | | Sample | | Std.Dev. | RSD |
|------------|----------------|---------|-------|----------|---------|-------|----------|---------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | | |
| Al 308.215 | 966.3 | 0.0275 | mg/L | 0.00399 | 0.0275 | mg/L | 0.00399 | 14.48% |
| Cr 267.716 | 0.9 | 0.0000 | mg/L | 0.00006 | 0.0000 | mg/L | 0.00006 | 374.64% |
| Cu 324.752 | -237.8 | -0.0008 | mg/L | 0.00003 | -0.0008 | mg/L | 0.00003 | 3.36% |
| Fe 273.955 | 1893.4 | 0.0510 | mg/L | 0.00945 | 0.0510 | mg/L | 0.00945 | 18.52% |
| Mg 279.077 | 141.0 | 0.0052 | mg/L | 0.00159 | 0.0052 | mg/L | 0.00159 | 30.74% |
| Mn 257.610 | 838.5 | 0.0012 | mg/L | 0.00013 | 0.0012 | mg/L | 0.00013 | 10.13% |
| Ni 231.604 | -0.0 | 0.0000 | mg/L | 0.00006 | 0.0000 | mg/L | 0.00006 | >999.9% |
| Pb 220.353 | 4.2 | 0.0008 | mg/L | 0.00030 | 0.0008 | mg/L | 0.00030 | 39.95% |
| Tl 190.801 | 2.6 | 0.0019 | mg/L | 0.00285 | 0.0019 | mg/L | 0.00285 | 150.86% |
| V 292.402 | 9.2 | 0.0001 | mg/L | 0.00007 | 0.0001 | mg/L | 0.00007 | 88.62% |
| Ti 334.940 | 277.4 | 0.0003 | mg/L | 0.00011 | 0.0003 | mg/L | 0.00011 | 36.03% |
| Ca 227.546 | 10.7 | 0.0376 | mg/L | 0.01484 | 0.0376 | mg/L | 0.01484 | 39.44% |

Sequence No.: 22
Sample ID: LCS-31385,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 127
Date Collected: 8/6/2007 12:51:56 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-31385,31385

| Analyte | Mean Corrected | | Calib | | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|----------|--------|-------|----------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | | |
| Al 308.215 | 348320.8 | 9.9072 | mg/L | 0.07328 | 9.9072 | mg/L | 0.07328 | 0.74% |
| Cr 267.716 | 56341.5 | 1.0258 | mg/L | 0.00239 | 1.0258 | mg/L | 0.00239 | 0.23% |
| Cu 324.752 | 381770.3 | 1.2356 | mg/L | 0.00843 | 1.2356 | mg/L | 0.00843 | 0.68% |
| Fe 273.955 | 186739.8 | 5.1774 | mg/L | 0.03417 | 5.1774 | mg/L | 0.03417 | 0.66% |
| Mg 279.077 | 684649.2 | 25.173 | mg/L | 0.1704 | 25.173 | mg/L | 0.1704 | 0.68% |
| Mn 257.610 | 1719051.5 | 2.5402 | mg/L | 0.01476 | 2.5402 | mg/L | 0.01476 | 0.58% |
| Ni 231.604 | 60389.3 | 2.5871 | mg/L | 0.00070 | 2.5871 | mg/L | 0.00070 | 0.03% |
| Pb 220.353 | 2849.5 | 0.5116 | mg/L | 0.00149 | 0.5116 | mg/L | 0.00149 | 0.29% |
| Tl 190.801 | 705.9 | 0.5140 | mg/L | 0.00426 | 0.5140 | mg/L | 0.00426 | 0.83% |
| V 292.402 | 287561.0 | 2.5425 | mg/L | 0.00713 | 2.5425 | mg/L | 0.00713 | 0.28% |
| Ti 334.940 | -10.5 | 0.0002 | mg/L | 0.00001 | 0.0002 | mg/L | 0.00001 | 6.82% |
| Ca 227.546 | 6956.6 | 24.830 | mg/L | 0.1258 | 24.830 | mg/L | 0.1258 | 0.51% |

Sequence No.: 23
Sample ID: F0936-04B,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 128
Date Collected: 8/6/2007 12:55:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

100X Pb

Mean Data: F0936-04B,31385

| Analyte | Mean Corrected | | Calib | | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|----------|--------|-------|----------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | | |
| Al 308.215 | 177241.9 | 5.0512 | mg/L | 0.04761 | 5.0512 | mg/L | 0.04761 | 0.94% |
| Cr 267.716 | 1823.0 | 0.0334 | mg/L | 0.00015 | 0.0334 | mg/L | 0.00015 | 0.44% |
| Cu 324.752 | 74793.3 | 0.2419 | mg/L | 0.00253 | 0.2419 | mg/L | 0.00253 | 1.05% |
| Fe 273.955 | 1287952.2 | 34.564 | mg/L | 0.3549 | 34.564 | mg/L | 0.3549 | 1.03% |
| Mg 279.077 | 41147.8 | 1.5007 | mg/L | 0.01578 | 1.5007 | mg/L | 0.01578 | 1.05% |
| Mn 257.610 | 302571.3 | 0.4471 | mg/L | 0.00394 | 0.4471 | mg/L | 0.00394 | 0.88% |
| Ni 231.604 | 937.7 | 0.0405 | mg/L | 0.00007 | 0.0405 | mg/L | 0.00007 | 0.16% |
| Pb 220.353 | 6678.0 | 1.1978 | mg/L | 0.00250 | 1.1978 | mg/L | 0.00250 | 0.21% |
| Tl 190.801 | -1.2 | 0.0079 | mg/L | 0.00211 | 0.0079 | mg/L | 0.00211 | 26.69% |
| V 292.402 | 1894.7 | 0.0174 | mg/L | 0.00001 | 0.0174 | mg/L | 0.00001 | 0.03% |
| Ti 334.940 | 43334.6 | 0.0457 | mg/L | 0.00046 | 0.0457 | mg/L | 0.00046 | 1.01% |
| Ca 227.546 | 2568.7 | 8.5324 | mg/L | 0.01126 | 8.5324 | mg/L | 0.01126 | 0.13% |

Sequence No.: 24

Autosampler Location: 129

Sample ID: F0936-07B,31385
 Analyst:
 Initial Sample Wt:
 Dilution:

Date Collected: 8/6/2007 12:58:13 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

20x Pb

Mean Data: F0936-07B,31385

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|----------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | | Units | | | |
| Al 308.215 | 720320.8 | 20.528 | mg/L | 0.0115 | 20.528 | mg/L | 0.0115 | 0.06% | |
| Cr 267.716 | 3583.2 | 0.0658 | mg/L | 0.00045 | 0.0658 | mg/L | 0.00045 | 0.69% | |
| Cu 324.752 | 307122.3 | 0.9942 | mg/L | 0.00171 | 0.9942 | mg/L | 0.00171 | 0.17% | |
| Fe 273.955 | 1563905.6 | 42.167 | mg/L | 0.0194 | 42.167 | mg/L | 0.0194 | 0.05% | |
| Mg 279.077 | 174149.3 | 6.3837 | mg/L | 0.01249 | 6.3837 | mg/L | 0.01249 | 0.20% | |
| Mn 257.610 | 422618.9 | 0.6245 | mg/L | 0.00026 | 0.6245 | mg/L | 0.00026 | 0.04% | |
| Ni 231.604 | 1283.7 | 0.0562 | mg/L | 0.00043 | 0.0562 | mg/L | 0.00043 | 0.77% | |
| Pb 220.353 | 12314.6 | 2.2095 | mg/L | 0.01363 | 2.2095 | mg/L | 0.01363 | 0.62% | |
| Tl 190.801 | -4.2 | 0.0066 | mg/L | 0.00368 | 0.0066 | mg/L | 0.00368 | 55.67% | |
| V 292.402 | 6056.8 | 0.0542 | mg/L | 0.00061 | 0.0542 | mg/L | 0.00061 | 1.13% | |
| Ti 334.940 | 287838.8 | 0.3033 | mg/L | 0.00009 | 0.3033 | mg/L | 0.00009 | 0.03% | |
| Ca 227.546 | 11449.2 | 40.418 | mg/L | 0.4296 | 40.418 | mg/L | 0.4296 | 1.06% | |

Sequence No.: 25

Sample ID: F0936-08B,31385
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 130

Date Collected: 8/6/2007 1:01:22 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

20x Pb

Mean Data: F0936-08B,31385

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|----------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | | Units | | | |
| Al 308.215 | 498479.5 | 14.206 | mg/L | 0.0370 | 14.206 | mg/L | 0.0370 | 0.26% | |
| Cr 267.716 | 2584.7 | 0.0474 | mg/L | 0.00014 | 0.0474 | mg/L | 0.00014 | 0.31% | |
| Cu 324.752 | 209468.7 | 0.6781 | mg/L | 0.00245 | 0.6781 | mg/L | 0.00245 | 0.36% | |
| Fe 273.955 | 1143169.7 | 30.818 | mg/L | 0.0967 | 30.818 | mg/L | 0.0967 | 0.31% | |
| Mg 279.077 | 133187.3 | 4.8829 | mg/L | 0.02052 | 4.8829 | mg/L | 0.02052 | 0.42% | |
| Mn 257.610 | 323859.3 | 0.4786 | mg/L | 0.00106 | 0.4786 | mg/L | 0.00106 | 0.22% | |
| Ni 231.604 | 925.7 | 0.0405 | mg/L | 0.00009 | 0.0405 | mg/L | 0.00009 | 0.22% | |
| Pb 220.353 | 8811.6 | 1.5810 | mg/L | 0.00242 | 1.5810 | mg/L | 0.00242 | 0.15% | |
| Tl 190.801 | -0.9 | 0.0065 | mg/L | 0.00176 | 0.0065 | mg/L | 0.00176 | 27.16% | |
| V 292.402 | 4276.6 | 0.0383 | mg/L | 0.00002 | 0.0383 | mg/L | 0.00002 | 0.04% | |
| Ti 334.940 | 227558.2 | 0.2397 | mg/L | 0.00074 | 0.2397 | mg/L | 0.00074 | 0.31% | |
| Ca 227.546 | 8282.6 | 29.233 | mg/L | 0.0189 | 29.233 | mg/L | 0.0189 | 0.06% | |

Sequence No.: 26

Sample ID: CRI
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 7

Date Collected: 8/6/2007 1:04:30 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: CRI

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|----------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | | Units | | | |
| Al 308.215 | 7533.6 | 0.2143 | mg/L | 0.00459 | 0.2143 | mg/L | 0.00459 | 2.14% | |
| Cr 267.716 | 595.8 | 0.0109 | mg/L | 0.00012 | 0.0109 | mg/L | 0.00012 | 1.06% | |
| Cu 324.752 | 7568.9 | 0.0246 | mg/L | 0.00006 | 0.0246 | mg/L | 0.00006 | 0.23% | |
| Fe 273.955 | 4517.6 | 0.1472 | mg/L | 0.01019 | 0.1472 | mg/L | 0.01019 | 6.93% | |
| Mg 279.077 | 146674.1 | 5.3866 | mg/L | 0.05132 | 5.3866 | mg/L | 0.05132 | 0.95% | |
| Mn 257.610 | 11380.8 | 0.0168 | mg/L | 0.00036 | 0.0168 | mg/L | 0.00036 | 2.16% | |
| Ni 231.604 | 1045.0 | 0.0449 | mg/L | 0.00006 | 0.0449 | mg/L | 0.00006 | 0.14% | |
| Pb 220.353 | 68.0 | 0.0123 | mg/L | 0.00004 | 0.0123 | mg/L | 0.00004 | 0.29% | |
| Tl 190.801 | 37.5 | 0.0273 | mg/L | 0.00235 | 0.0273 | mg/L | 0.00235 | 8.63% | |
| V 292.402 | 6156.8 | 0.0544 | mg/L | 0.00012 | 0.0544 | mg/L | 0.00012 | 0.21% | |
| Ti 334.940 | -46.1 | 0.0000 | mg/L | 0.00001 | 0.0000 | mg/L | 0.00001 | 62.09% | |
| Ca 227.546 | 1367.2 | 4.9278 | mg/L | 0.05258 | 4.9278 | mg/L | 0.05258 | 1.07% | |

Sequence No.: 27
 Sample ID: ICSA
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 5
 Date Collected: 8/6/2007 1:07:34 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: ICSA

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|--|--------------------------|---------------|-------|----------|--------------|--------|----------|--------|
| Al 308.215 | 17628219.0 | 502.40 mg/L | | 6.544 | 502.40 mg/L | | 6.544 | 1.30% |
| Cr 267.716 | -134.8 | 0.0149 mg/L | | 0.00008 | 0.0149 mg/L | | 0.00008 | 0.57% |
| Cu 324.752 | -6222.1 | -0.0061 mg/L | | 0.00024 | -0.0061 mg/L | | 0.00024 | 3.89% |
| Fe 273.955 | 6761784.2 | 186.22 mg/L ✓ | | 2.293 | 186.22 mg/L | | 2.293 | 1.23% |
| Mg 279.077 | 12902704.1 | 473.75 mg/L | | 5.901 | 473.75 mg/L | | 5.901 | 1.25% |
| Mn 257.610 | 1304.2 | 0.0019 mg/L | | 0.00028 | 0.0019 mg/L | | 0.00028 | 14.39% |
| Saturated outside survey window (code 6) | | | | | | | | |
| Ni 231.604 | 54.3 | 0.0266 mg/L | | 0.00007 | 0.0266 mg/L | | 0.00007 | 0.28% |
| Pb 220.353 | -170.4 | 0.0056 mg/L ✓ | | 0.00180 | 0.0056 mg/L | | 0.00180 | 32.10% |
| Tl 190.801 | -12.7 | 0.0056 mg/L | | 0.00322 | 0.0056 mg/L | | 0.00322 | 57.56% |
| V 292.402 | -437.6 | -0.0008 mg/L | | 0.00003 | -0.0008 mg/L | | 0.00003 | 3.48% |
| Ti 334.940 | -5812.1 | 0.0002 mg/L | | 0.00002 | 0.0002 mg/L | | 0.00002 | 9.22% |
| Ca 227.546 | 145902.4 | 522.63 mg/L | | 5.252 | 522.63 mg/L | | 5.252 | 1.00% |

Sequence No.: 28
 Sample ID: ICSAB
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 6
 Date Collected: 8/6/2007 1:10:48 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: ICSAB

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|---------------|-------|----------|-------------|--------|----------|--------|
| Al 308.215 | 16329867.3 | 465.39 mg/L | | 0.838 | 465.39 mg/L | | 0.838 | 0.18% |
| Cr 267.716 | 25086.2 | 0.4729 mg/L | | 0.00633 | 0.4729 mg/L | | 0.00633 | 1.34% |
| Cu 324.752 | 140527.5 | 0.4676 mg/L | | 0.00595 | 0.4676 mg/L | | 0.00595 | 1.27% |
| Fe 273.955 | 6297260.9 | 173.41 mg/L ✓ | | 0.241 | 173.41 mg/L | | 0.241 | 0.14% |
| Mg 279.077 | 11974002.2 | 439.66 mg/L | | 0.602 | 439.66 mg/L | | 0.602 | 0.14% |
| Mn 257.610 | 310761.0 | 0.4592 mg/L | | 0.00423 | 0.4592 mg/L | | 0.00423 | 0.92% |
| Ni 231.604 | 19755.1 | 0.8686 mg/L | | 0.00277 | 0.8686 mg/L | | 0.00277 | 0.32% |
| Pb 220.353 | 85.4 | 0.0488 mg/L ✓ | | 0.00076 | 0.0488 mg/L | | 0.00076 | 1.55% |
| Tl 190.801 | 105.8 | 0.0908 mg/L | | 0.00229 | 0.0908 mg/L | | 0.00229 | 2.52% |
| V 292.402 | 51821.0 | 0.4615 mg/L | | 0.00583 | 0.4615 mg/L | | 0.00583 | 1.26% |
| Ti 334.940 | -5392.1 | 0.0001 mg/L | | 0.00003 | 0.0001 mg/L | | 0.00003 | 23.68% |
| Ca 227.546 | 135876.2 | 486.67 mg/L | | 5.728 | 486.67 mg/L | | 5.728 | 1.18% |

Sequence No.: 29
 Sample ID: CCV
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 3
 Date Collected: 8/6/2007 1:13:58 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: CCV

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|---------------|-------|----------|-------------|--------|----------|-------|
| Al 308.215 | 346396.4 | 9.8526 mg/L | | 0.08322 | 9.8526 mg/L | | 0.08322 | 0.84% |
| Cr 267.716 | 55899.1 | 1.0178 mg/L | | 0.00968 | 1.0178 mg/L | | 0.00968 | 0.95% |
| Cu 324.752 | 371293.0 | 1.2017 mg/L | | 0.01319 | 1.2017 mg/L | | 0.01319 | 1.10% |
| Fe 273.955 | 187288.2 | 5.1894 mg/L ✓ | | 0.03240 | 5.1894 mg/L | | 0.03240 | 0.62% |
| Mg 279.077 | 676753.5 | 24.883 mg/L | | 0.2050 | 24.883 mg/L | | 0.2050 | 0.82% |
| Mn 257.610 | 1705931.4 | 2.5208 mg/L | | 0.02382 | 2.5208 mg/L | | 0.02382 | 0.94% |
| Ni 231.604 | 59751.4 | 2.5598 mg/L | | 0.02485 | 2.5598 mg/L | | 0.02485 | 0.97% |
| Pb 220.353 | 2799.1 | 0.5026 mg/L ✓ | | 0.00256 | 0.5026 mg/L | | 0.00256 | 0.51% |
| Tl 190.801 | 694.4 | 0.5056 mg/L | | 0.00189 | 0.5056 mg/L | | 0.00189 | 0.37% |
| V 292.402 | 284183.8 | 2.5127 mg/L | | 0.02474 | 2.5127 mg/L | | 0.02474 | 0.98% |
| Ti 334.940 | 426.7 | 0.0006 mg/L | | 0.00002 | 0.0006 mg/L | | 0.00002 | 2.87% |
| Ca 227.546 | 6809.0 | 24.299 mg/L | | 0.0006 | 24.299 mg/L | | 0.0006 | 0.00% |

Sequence No.: 30
 Sample ID: CCB
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 4
 Date Collected: 8/6/2007 1:17:05 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|---------|----------------------|----------|---------|-------|----------|---------|
| | Intensity | Conc. | | | Conc. | Units | | |
| Al 308.215 | 588.7 | 0.0168 | mg/L | 0.00092 | 0.0168 | mg/L | 0.00092 | 5.48% |
| Cr 267.716 | 8.8 | 0.0002 | mg/L | 0.00003 | 0.0002 | mg/L | 0.00003 | 19.51% |
| Cu 324.752 | -365.1 | -0.0012 | mg/L | 0.00008 | -0.0012 | mg/L | 0.00008 | 6.56% |
| Fe 273.955 | 125.4 | 0.0033 | mg/L | 0.00223 | 0.0033 | mg/L | 0.00223 | 66.65% |
| Mg 279.077 | 338.1 | 0.0124 | mg/L | 0.00331 | 0.0124 | mg/L | 0.00331 | 26.68% |
| Mn 257.610 | 68.7 | 0.0001 | mg/L | 0.00005 | 0.0001 | mg/L | 0.00005 | 50.93% |
| Ni 231.604 | 2.0 | 0.0001 | mg/L | 0.00003 | 0.0001 | mg/L | 0.00003 | 35.63% |
| Pb 220.353 | -0.9 | -0.0002 | mg/L | 0.00021 | -0.0002 | mg/L | 0.00021 | 128.16% |
| Tl 190.801 | -1.1 | -0.0008 | mg/L | 0.00312 | -0.0008 | mg/L | 0.00312 | 374.82% |
| V 292.402 | 25.3 | 0.0002 | mg/L | 0.00019 | 0.0002 | mg/L | 0.00019 | 86.19% |
| Ti 334.940 | -79.5 | -0.0001 | mg/L | 0.00001 | -0.0001 | mg/L | 0.00001 | 13.42% |
| Ca 227.546 | -7.4 | -0.0267 | mg/L | 0.00486 | -0.0267 | mg/L | 0.00486 | 18.19% |

Sequence No.: 31
 Sample ID: F0936-12B,31385
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 131
 Date Collected: 8/6/2007 1:20:46 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

100 X Pb

Mean Data: F0936-12B,31385

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|----------------------|----------|--------|-------|----------|-------|
| | Intensity | Conc. | | | Conc. | Units | | |
| Al 308.215 | 1234330.8 | 35.177 | mg/L | 0.0221 | 35.177 | mg/L | 0.0221 | 0.06% |
| Cr 267.716 | 3838.4 | 0.0707 | mg/L | 0.00033 | 0.0707 | mg/L | 0.00033 | 0.47% |
| Cu 324.752 | 183546.8 | 0.5936 | mg/L | 0.00013 | 0.5936 | mg/L | 0.00013 | 0.02% |
| Fe 273.955 | 2973875.8 | 79.947 | mg/L | 0.0203 | 79.947 | mg/L | 0.0203 | 0.03% |
| Mg 279.077 | 308074.8 | 11.295 | mg/L | 0.0278 | 11.295 | mg/L | 0.0278 | 0.25% |
| Mn 257.610 | 1009448.9 | 1.4916 | mg/L | 0.00277 | 1.4916 | mg/L | 0.00277 | 0.19% |
| Ni 231.604 | 2510.3 | 0.1089 | mg/L | 0.00002 | 0.1089 | mg/L | 0.00002 | 0.02% |
| Pb 220.353 | 15031.8 | 2.6975 | mg/L | 0.01527 | 2.6975 | mg/L | 0.01527 | 0.57% |
| Tl 190.801 | -4.2 | 0.0161 | mg/L | 0.00102 | 0.0161 | mg/L | 0.00102 | 6.31% |
| V 292.402 | 8736.7 | 0.0787 | mg/L | 0.00124 | 0.0787 | mg/L | 0.00124 | 1.57% |
| Ti 334.940 | 3052.5 | 0.0035 | mg/L | 0.00010 | 0.0035 | mg/L | 0.00010 | 2.84% |
| Ca 227.546 | 6841.8 | 22.987 | mg/L | 0.0590 | 22.987 | mg/L | 0.0590 | 0.26% |

Sequence No.: 32
 Sample ID: F0936-12BMS,31385
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 24
 Date Collected: 8/6/2007 1:23:59 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

100 X Pb

Mean Data: F0936-12BMS,31385

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|----------------------|----------|--------|-------|----------|-------|
| | Intensity | Conc. | | | Conc. | Units | | |
| Al 308.215 | 1263180.2 | 36.000 | mg/L | 0.0810 | 36.000 | mg/L | 0.0810 | 0.22% |
| Cr 267.716 | 4027.3 | 0.0737 | mg/L | 0.00016 | 0.0737 | mg/L | 0.00016 | 0.22% |
| Cu 324.752 | 199931.3 | 0.6469 | mg/L | 0.00532 | 0.6469 | mg/L | 0.00532 | 0.82% |
| Fe 273.955 | 2070119.9 | 55.748 | mg/L | 0.2068 | 55.748 | mg/L | 0.2068 | 0.37% |
| Mg 279.077 | 320575.8 | 11.766 | mg/L | 0.0613 | 11.766 | mg/L | 0.0613 | 0.52% |
| Mn 257.610 | 1047200.4 | 1.5474 | mg/L | 0.00695 | 1.5474 | mg/L | 0.00695 | 0.45% |
| Ni 231.604 | 2885.4 | 0.1250 | mg/L | 0.00016 | 0.1250 | mg/L | 0.00016 | 0.13% |
| Pb 220.353 | 15774.5 | 2.8307 | mg/L | 0.02069 | 2.8307 | mg/L | 0.02069 | 0.73% |
| Tl 190.801 | -5.5 | 0.0092 | mg/L | 0.00053 | 0.0092 | mg/L | 0.00053 | 5.81% |
| V 292.402 | -24.8 | 0.0009 | mg/L | 0.00001 | 0.0009 | mg/L | 0.00001 | 0.85% |
| Ti 334.940 | 1828.8 | 0.0022 | mg/L | 0.00006 | 0.0022 | mg/L | 0.00006 | 2.82% |

Ca 227.546 7170.0 24.688 mg/L 0.1356 24.688 mg/L 0.1356 0.55%

Sequence No.: 33
Sample ID: F0936-12BDUP,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 132
Date Collected: 8/6/2007 1:27:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

100X Pb

Mean Data: F0936-12BDUP,31385

Table with 8 columns: Analyte, Mean Corrected Intensity, Calib Conc. Units, Std.Dev., Sample Conc. Units, Std.Dev., RSD. Lists elements Al, Cr, Cu, Fe, Mg, Mn, Ni, Pb, Tl, V, Ti, Ca with their respective values.

Sequence No.: 34
Sample ID: F0936-12BSD,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 133
Date Collected: 8/6/2007 1:30:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

500X Pb

Mean Data: F0936-12BSD,31385

Table with 8 columns: Analyte, Mean Corrected Intensity, Calib Conc. Units, Std.Dev., Sample Conc. Units, Std.Dev., RSD. Lists elements Al, Cr, Cu, Fe, Mg, Mn, Ni, Pb, Tl, V, Ti, Ca with their respective values.

Sequence No.: 35
Sample ID: F0936-15B,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 134
Date Collected: 8/6/2007 1:33:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-15B,31385

Table with 8 columns: Analyte, Mean Corrected Intensity, Calib Conc. Units, Std.Dev., Sample Conc. Units, Std.Dev., RSD. Lists elements Al, Cr, Cu, Fe, Mg, Mn, Ni, Pb, Tl, V with their respective values.



| | | | | | | |
|------------|---------|-------------|---------|-------------|---------|-------|
| Ti 334.940 | 67923.2 | 0.0728 mg/L | 0.00009 | 0.0728 mg/L | 0.00009 | 0.13% |
| Ca 227.546 | 31943.5 | 114.52 mg/L | 0.373 | 114.52 mg/L | 0.373 | 0.33% |

Sequence No.: 36

Sample ID: F0936-17B,31385

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 135

Date Collected: 8/6/2007 1:36:44 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-17B,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|-------------|-------|----------|-------------|--------|----------|-------|
| Al 308.215 | 9301981.5 | 265.10 mg/L | | 2.510 | 265.10 mg/L | | 2.510 | 0.95% |
| Cr 267.716 | 24524.9 | 0.4435 mg/L | | 0.00341 | 0.4435 mg/L | | 0.00341 | 0.77% |
| Cu 324.752 | 301163.2 | 0.9763 mg/L | | 0.00054 | 0.9763 mg/L | | 0.00054 | 0.05% |
| Fe 273.955 | 19155818.6 | 515.52 mg/L | | 2.249 | 515.52 mg/L | | 2.249 | 0.44% |
| Mg 279.077 | 2584387.3 | 94.902 mg/L | | 0.9491 | 94.902 mg/L | | 0.9491 | 1.00% |
| Mn 257.610 | 13099595.3 | 19.357 mg/L | | 0.1093 | 19.357 mg/L | | 0.1093 | 0.56% |
| Ni 231.604 | 14846.5 | 0.6474 mg/L | | 0.00289 | 0.6474 mg/L | | 0.00289 | 0.45% |
| Pb 220.353 | 2642.2 | 0.4879 mg/L | | 0.00131 | 0.4879 mg/L | | 0.00131 | 0.27% |
| Tl 190.801 | -18.3 | 0.1190 mg/L | | 0.00422 | 0.1190 mg/L | | 0.00422 | 3.55% |
| V 292.402 | 46368.8 | 0.4204 mg/L | | 0.00381 | 0.4204 mg/L | | 0.00381 | 0.91% |
| Ti 334.940 | 1016525.2 | 1.0722 mg/L | | 0.00913 | 1.0722 mg/L | | 0.00913 | 0.85% |
| Ca 227.546 | 67047.4 | 231.04 mg/L | | 0.058 | 231.04 mg/L | | 0.058 | 0.03% |

Sequence No.: 37

Sample ID: F0981-01B,31385

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 136

Date Collected: 8/6/2007 1:40:09 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-01B,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|-------------|-------|----------|-------------|--------|----------|--------|
| Al 308.215 | 256522.7 | 7.3106 mg/L | | 0.02505 | 7.3106 mg/L | | 0.02505 | 0.34% |
| Cr 267.716 | 1404.3 | 0.0258 mg/L | | 0.00001 | 0.0258 mg/L | | 0.00001 | 0.04% |
| Cu 324.752 | 44065.9 | 0.1427 mg/L | | 0.00163 | 0.1427 mg/L | | 0.00163 | 1.14% |
| Fe 273.955 | 996643.8 | 26.791 mg/L | | 0.1983 | 26.791 mg/L | | 0.1983 | 0.74% |
| Mg 279.077 | 75460.2 | 2.7637 mg/L | | 0.01650 | 2.7637 mg/L | | 0.01650 | 0.60% |
| Mn 257.610 | 265375.1 | 0.3921 mg/L | | 0.00239 | 0.3921 mg/L | | 0.00239 | 0.61% |
| Ni 231.604 | 565.6 | 0.0247 mg/L | | 0.00002 | 0.0247 mg/L | | 0.00002 | 0.07% |
| Pb 220.353 | 8311.0 | 1.4908 mg/L | | 0.00344 | 1.4908 mg/L | | 0.00344 | 0.23% |
| Tl 190.801 | -3.1 | 0.0043 mg/L | | 0.00203 | 0.0043 mg/L | | 0.00203 | 46.96% |
| V 292.402 | 2570.5 | 0.0232 mg/L | | 0.00005 | 0.0232 mg/L | | 0.00005 | 0.20% |
| Ti 334.940 | 49075.9 | 0.0518 mg/L | | 0.00008 | 0.0518 mg/L | | 0.00008 | 0.15% |
| Ca 227.546 | 3806.1 | 13.165 mg/L | | 0.0612 | 13.165 mg/L | | 0.0612 | 0.46% |

Sequence No.: 38

Sample ID: F0981-06B,31385

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 137

Date Collected: 8/6/2007 1:43:17 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-06B,31385

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|-------------|-------|----------|-------------|--------|----------|-------|
| Al 308.215 | 6946759.0 | 197.98 mg/L | | 1.145 | 197.98 mg/L | | 1.145 | 0.58% |
| Cr 267.716 | 17510.3 | 0.3134 mg/L | | 0.00207 | 0.3134 mg/L | | 0.00207 | 0.66% |
| Cu 324.752 | 243727.9 | 0.7932 mg/L | | 0.01355 | 0.7932 mg/L | | 0.01355 | 1.71% |
| Fe 273.955 | 17925787.5 | 482.58 mg/L | | 2.446 | 482.58 mg/L | | 2.446 | 0.51% |
| Mg 279.077 | 3315051.0 | 121.75 mg/L | | 0.462 | 121.75 mg/L | | 0.462 | 0.38% |
| Mn 257.610 | 13000516.4 | 19.210 mg/L | | 0.0873 | 19.210 mg/L | | 0.0873 | 0.45% |
| Ni 231.604 | 12764.5 | 0.5589 mg/L | | 0.00278 | 0.5589 mg/L | | 0.00278 | 0.50% |
| Pb 220.353 | 3887.0 | 0.7080 mg/L | | 0.00215 | 0.7080 mg/L | | 0.00215 | 0.30% |
| Tl 190.801 | -21.3 | 0.1142 mg/L | | 0.00002 | 0.1142 mg/L | | 0.00002 | 0.02% |

| | | | | | | |
|------------|----------|-------------|---------|-------------|---------|-------|
| V 292.402 | 30188.8 | 0.2768 mg/L | 0.00279 | 0.2768 mg/L | 0.00279 | 1.01% |
| Ti 334.940 | 550783.9 | 0.5832 mg/L | 0.00247 | 0.5832 mg/L | 0.00247 | 0.42% |
| Ca 227.546 | 89401.5 | 312.42 mg/L | 3.923 | 312.42 mg/L | 3.923 | 1.26% |

Sequence No.: 39

Sample ID: F0981-06BSD,31385

Analyst:

Initial Sample Wt:

Dilution:

25x PD

Autosampler Location: 138

Date Collected: 8/6/2007 1:46:42 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-06BSD,31385

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|---------|-------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 1467691.2 | 41.828 mg/L | 0.4271 | 41.828 mg/L | 0.4271 | 1.02% | |
| Cr 267.716 | 3851.2 | 0.0687 mg/L | 0.00066 | 0.0687 mg/L | 0.00066 | 0.96% | |
| Cu 324.752 | 50399.0 | 0.1638 mg/L | 0.00103 | 0.1638 mg/L | 0.00103 | 0.63% | |
| Fe 273.955 | 4497929.9 | 120.99 mg/L | 1.038 | 120.99 mg/L | 1.038 | 0.86% | |
| Mg 279.077 | 757802.2 | 27.829 mg/L | 0.2329 | 27.829 mg/L | 0.2329 | 0.84% | |
| Mn 257.610 | 3126440.0 | 4.6198 mg/L | 0.04112 | 4.6198 mg/L | 0.04112 | 0.89% | |
| Ni 231.604 | 2958.5 | 0.1292 mg/L | 0.00036 | 0.1292 mg/L | 0.00036 | 0.28% | |
| Pb 220.353 | 899.8 | 0.1635 mg/L | 0.00051 | 0.1635 mg/L | 0.00051 | 0.31% | |
| Tl 190.801 | -7.8 | 0.0272 mg/L | 0.00047 | 0.0272 mg/L | 0.00047 | 1.72% | |
| V 292.402 | 6635.9 | 0.0611 mg/L | 0.00015 | 0.0611 mg/L | 0.00015 | 0.25% | |
| Ti 334.940 | 117377.8 | 0.1243 mg/L | 0.00070 | 0.1243 mg/L | 0.00070 | 0.56% | |
| Ca 227.546 | 18347.1 | 63.649 mg/L | 0.6041 | 63.649 mg/L | 0.6041 | 0.95% | |

Sequence No.: 40

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/6/2007 1:49:56 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|---------|-------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 344296.6 | 9.7926 mg/L | 0.09493 | 9.7926 mg/L | 0.09493 | 0.97% | |
| Cr 267.716 | 56510.6 | 1.0289 mg/L | 0.01519 | 1.0289 mg/L | 0.01519 | 1.48% | |
| Cu 324.752 | 371997.0 | 1.2040 mg/L | 0.01546 | 1.2040 mg/L | 0.01546 | 1.28% | |
| Fe 273.955 | 187291.1 | 5.1895 mg/L | 0.05195 | 5.1895 mg/L | 0.05195 | 1.00% | |
| Mg 279.077 | 675872.3 | 24.850 mg/L | 0.2551 | 24.850 mg/L | 0.2551 | 1.03% | |
| Mn 257.610 | 1707891.7 | 2.5237 mg/L | 0.02845 | 2.5237 mg/L | 0.02845 | 1.13% | |
| Ni 231.604 | 60155.2 | 2.5771 mg/L | 0.04631 | 2.5771 mg/L | 0.04631 | 1.80% | |
| Pb 220.353 | 2818.8 | 0.5061 mg/L | 0.00104 | 0.5061 mg/L | 0.00104 | 0.20% | |
| Tl 190.801 | 699.9 | 0.5096 mg/L | 0.00078 | 0.5096 mg/L | 0.00078 | 0.15% | |
| V 292.402 | 286673.1 | 2.5347 mg/L | 0.03938 | 2.5347 mg/L | 0.03938 | 1.55% | |
| Ti 334.940 | 487.4 | 0.0007 mg/L | 0.00002 | 0.0007 mg/L | 0.00002 | 3.49% | |
| Ca 227.546 | 6834.2 | 24.389 mg/L | 0.0766 | 24.389 mg/L | 0.0766 | 0.31% | |

Sequence No.: 41

Sample ID: CCB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/6/2007 1:53:03 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------------|---------|--------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 269.8 | 0.0077 mg/L | 0.00007 | 0.0077 mg/L | 0.00007 | 0.87% | |
| Cr 267.716 | 10.8 | 0.0002 mg/L | 0.00002 | 0.0002 mg/L | 0.00002 | 8.89% | |
| Cu 324.752 | -412.5 | -0.0013 mg/L | 0.00004 | -0.0013 mg/L | 0.00004 | 2.74% | |
| Fe 273.955 | 131.4 | 0.0037 mg/L | 0.00018 | 0.0037 mg/L | 0.00018 | 4.77% | |
| Mg 279.077 | 87.1 | 0.0032 mg/L | 0.00072 | 0.0032 mg/L | 0.00072 | 22.44% | |
| Mn 257.610 | 184.7 | 0.0003 mg/L | 0.00006 | 0.0003 mg/L | 0.00006 | 23.79% | |
| Ni 231.604 | -0.7 | 0.0000 mg/L | 0.00007 | 0.0000 mg/L | 0.00007 | 229.99% | |
| Pb 220.353 | 1.8 | 0.0003 mg/L | 0.00084 | 0.0003 mg/L | 0.00084 | 256.98% | |

| | | | | | | |
|------------|-------|--------------|---------|--------------|---------|--------|
| Tl 190.801 | 0.6 | 0.0004 mg/L | 0.00014 | 0.0004 mg/L | 0.00014 | 31.11% |
| V 292.402 | 28.4 | 0.0003 mg/L | 0.00022 | 0.0003 mg/L | 0.00022 | 87.30% |
| Ti 334.940 | -72.9 | -0.0001 mg/L | 0.00001 | -0.0001 mg/L | 0.00001 | 15.45% |
| Ca 227.546 | 8.4 | 0.0301 mg/L | 0.01777 | 0.0301 mg/L | 0.01777 | 58.95% |

Sequence No.: 42

Sample ID: F0981-03B,31386

Analyst:

Initial Sample Wt:

Dilution:

5x Fe

Autosampler Location: 26

Date Collected: 8/6/2007 1:56:44 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-03B,31386

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Al 308.215 | 1585709.6 | 45.192 mg/L | 0.0199 | 45.192 mg/L | 0.0199 | 0.04% |
| Cr 267.716 | 3875.4 | 0.0720 mg/L | 0.00039 | 0.0720 mg/L | 0.00039 | 0.55% |
| Cu 324.752 | 23859.1 | 0.0768 mg/L | 0.00044 | 0.0768 mg/L | 0.00044 | 0.58% |
| Fe 273.955 | 2974542.1 | 79.984 mg/L | 0.0581 | 79.984 mg/L | 0.0581 | 0.07% |
| Mg 279.077 | 711956.4 | 26.121 mg/L | 0.0185 | 26.121 mg/L | 0.0185 | 0.07% |
| Mn 257.610 | 676900.6 | 1.0002 mg/L | 0.00063 | 1.0002 mg/L | 0.00063 | 0.06% |
| Ni 231.604 | 2977.0 | 0.1285 mg/L | 0.00063 | 0.1285 mg/L | 0.00063 | 0.49% |
| Pb 220.353 | 231.6 | 0.0442 mg/L | 0.00025 | 0.0442 mg/L | 0.00025 | 0.58% |
| Tl 190.801 | -4.0 | 0.0149 mg/L | 0.00161 | 0.0149 mg/L | 0.00161 | 10.83% |
| V 292.402 | 6578.3 | 0.0596 mg/L | 0.00038 | 0.0596 mg/L | 0.00038 | 0.64% |
| Ti 334.940 | 550475.0 | 0.5792 mg/L | 0.00083 | 0.5792 mg/L | 0.00083 | 0.14% |
| Ca 227.546 | 3678.0 | 11.567 mg/L | 0.0975 | 11.567 mg/L | 0.0975 | 0.84% |

Sequence No.: 43

Sample ID: F0981-04B,31386

Analyst:

Initial Sample Wt:

Dilution:

5x Fe

Autosampler Location: 27

Date Collected: 8/6/2007 1:59:55 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-04B,31386

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Al 308.215 | 1060047.3 | 30.210 mg/L | 0.2938 | 30.210 mg/L | 0.2938 | 0.97% |
| Cr 267.716 | 2834.1 | 0.0521 mg/L | 0.00032 | 0.0521 mg/L | 0.00032 | 0.61% |
| Cu 324.752 | 33451.0 | 0.1084 mg/L | 0.00076 | 0.1084 mg/L | 0.00076 | 0.70% |
| Fe 273.955 | 2801275.4 | 75.343 mg/L | 0.6785 | 75.343 mg/L | 0.6785 | 0.90% |
| Mg 279.077 | 746262.8 | 27.389 mg/L | 0.2475 | 27.389 mg/L | 0.2475 | 0.90% |
| Mn 257.610 | 1033128.2 | 1.5266 mg/L | 0.01362 | 1.5266 mg/L | 0.01362 | 0.89% |
| Ni 231.604 | 1551.0 | 0.0676 mg/L | 0.00014 | 0.0676 mg/L | 0.00014 | 0.20% |
| Pb 220.353 | 2519.3 | 0.4536 mg/L | 0.00077 | 0.4536 mg/L | 0.00077 | 0.17% |
| Tl 190.801 | -6.8 | 0.0137 mg/L | 0.00114 | 0.0137 mg/L | 0.00114 | 8.37% |
| V 292.402 | 6962.0 | 0.0629 mg/L | 0.00007 | 0.0629 mg/L | 0.00007 | 0.10% |
| Ti 334.940 | 297976.5 | 0.3138 mg/L | 0.00293 | 0.3138 mg/L | 0.00293 | 0.93% |
| Ca 227.546 | 8806.4 | 30.178 mg/L | 0.0212 | 30.178 mg/L | 0.0212 | 0.07% |

Sequence No.: 44

Sample ID: F0981-05B,31386

Analyst:

Initial Sample Wt:

Dilution:

5x Fe

Autosampler Location: 28

Date Collected: 8/6/2007 2:03:05 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-05B,31386

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Al 308.215 | 998082.5 | 28.445 mg/L | 0.0325 | 28.445 mg/L | 0.0325 | 0.11% |
| Cr 267.716 | 2613.5 | 0.0472 mg/L | 0.00007 | 0.0472 mg/L | 0.00007 | 0.14% |
| Cu 324.752 | 31367.2 | 0.1009 mg/L | 0.00098 | 0.1009 mg/L | 0.00098 | 0.97% |
| Fe 273.955 | 2946427.7 | 79.110 mg/L | 0.0128 | 79.110 mg/L | 0.0128 | 0.02% |
| Mg 279.077 | 353650.9 | 12.980 mg/L | 0.1003 | 12.980 mg/L | 0.1003 | 0.77% |
| Mn 257.610 | 1634746.6 | 2.4156 mg/L | 0.00409 | 2.4156 mg/L | 0.00409 | 0.17% |
| Ni 231.604 | 1518.5 | 0.0657 mg/L | 0.00017 | 0.0657 mg/L | 0.00017 | 0.25% |

| | | | | | | |
|------------|----------|-------------|---------|-------------|---------|-------|
| Pb 220.353 | 1892.8 | 0.3407 mg/L | 0.00043 | 0.3407 mg/L | 0.00043 | 0.12% |
| Tl 190.801 | -1.7 | 0.0193 mg/L | 0.00154 | 0.0193 mg/L | 0.00154 | 8.00% |
| V 292.402 | 6325.4 | 0.0575 mg/L | 0.00052 | 0.0575 mg/L | 0.00052 | 0.90% |
| Ti 334.940 | 199380.7 | 0.2098 mg/L | 0.00141 | 0.2098 mg/L | 0.00141 | 0.67% |
| Ca 227.546 | 1994.7 | 5.5175 mg/L | 0.01548 | 5.5175 mg/L | 0.01548 | 0.28% |

Sequence No.: 45

Sample ID: F0981-10B,31386

Analyst:

Initial Sample Wt:

Dilution:

5x Fe

Autosampler Location: 29

Date Collected: 8/6/2007 2:06:15 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0981-10B,31386

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|---------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 1581873.2 | 45.082 | mg/L | 0.1510 | 45.082 | mg/L | 0.33% |
| Cr 267.716 | 5212.5 | 0.0968 | mg/L | 0.00026 | 0.0968 | mg/L | 0.27% |
| Cu 324.752 | 23600.0 | 0.0756 | mg/L | 0.00137 | 0.0756 | mg/L | 1.82% |
| Fe 273.955 | 3380679.8 | 90.836 | mg/L | 0.4122 | 90.836 | mg/L | 0.45% |
| Mg 279.077 | 653472.2 | 23.964 | mg/L | 0.1507 | 23.964 | mg/L | 0.63% |
| Mn 257.610 | 444330.9 | 0.6566 | mg/L | 0.00280 | 0.6566 | mg/L | 0.43% |
| Ni 231.604 | 2622.0 | 0.1131 | mg/L | 0.00031 | 0.1131 | mg/L | 0.0031 |
| Pb 220.353 | 192.6 | 0.0373 | mg/L | 0.00066 | 0.0373 | mg/L | 0.00066 |
| Tl 190.801 | -8.7 | 0.0138 | mg/L | 0.00059 | 0.0138 | mg/L | 0.00059 |
| V 292.402 | 7301.7 | 0.0662 | mg/L | 0.00024 | 0.0662 | mg/L | 0.00024 |
| Ti 334.940 | 532476.3 | 0.5602 | mg/L | 0.00188 | 0.5602 | mg/L | 0.00188 |
| Ca 227.546 | 1982.3 | 5.2151 | mg/L | 0.00186 | 5.2151 | mg/L | 0.00186 |

Sequence No.: 46

Sample ID: CRI

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 7

Date Collected: 8/6/2007 2:09:25 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CRI

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|---------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 7856.2 | 0.2235 | mg/L | 0.00692 | 0.2235 | mg/L | 3.10% |
| Cr 267.716 | 600.9 | 0.0110 | mg/L | 0.00002 | 0.0110 | mg/L | 0.14% |
| Cu 324.752 | 7524.4 | 0.0245 | mg/L | 0.00014 | 0.0245 | mg/L | 0.57% |
| Fe 273.955 | 4773.2 | 0.1540 | mg/L | 0.01529 | 0.1540 | mg/L | 9.93% |
| Mg 279.077 | 147343.8 | 5.4112 | mg/L | 0.03483 | 5.4112 | mg/L | 0.64% |
| Mn 257.610 | 11465.5 | 0.0169 | mg/L | 0.00031 | 0.0169 | mg/L | 0.00031 |
| Ni 231.604 | 1049.0 | 0.0450 | mg/L | 0.00004 | 0.0450 | mg/L | 0.00004 |
| Pb 220.353 | 55.8 | 0.0101 | mg/L | 0.00045 | 0.0101 | mg/L | 0.00045 |
| Tl 190.801 | 35.5 | 0.0258 | mg/L | 0.00101 | 0.0258 | mg/L | 0.00101 |
| V 292.402 | 6222.3 | 0.0550 | mg/L | 0.00034 | 0.0550 | mg/L | 0.00034 |
| Ti 334.940 | -23.7 | 0.0000 | mg/L | 0.00006 | 0.0000 | mg/L | 0.00006 |
| Ca 227.546 | 1357.4 | 4.8922 | mg/L | 0.02445 | 4.8922 | mg/L | 0.02445 |

Sequence No.: 47

Sample ID: ICSA

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 5

Date Collected: 8/6/2007 2:12:28 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICSA

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|---------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 17530402.9 | 499.61 | mg/L | 3.274 | 499.61 | mg/L | 0.66% |
| Cr 267.716 | -130.6 | 0.0149 | mg/L | 0.00008 | 0.0149 | mg/L | 0.00008 |
| Cu 324.752 | -6320.0 | -0.0063 | mg/L | 0.00032 | -0.0063 | mg/L | 0.00032 |
| Fe 273.955 | 6725667.6 | 185.26 | mg/L | 1.042 | 185.26 | mg/L | 1.042 |
| Mg 279.077 | 12835813.5 | 471.30 | mg/L | 2.774 | 471.30 | mg/L | 2.774 |
| Mn 257.610 | 1196.1 | 0.0018 | mg/L | 0.00014 | 0.0018 | mg/L | 0.00014 |

Saturated outside survey window (code 6)

| | | | | | | |
|------------|----------|---------------|---------|--------------|---------|--------|
| Ni 231.604 | 57.4 | 0.0268 mg/L | 0.00006 | 0.0268 mg/L | 0.00006 | 0.21% |
| Pb 220.353 | -170.6 | 0.0054 mg/L ✓ | 0.00146 | 0.0054 mg/L | 0.00146 | 26.85% |
| Tl 190.801 | -10.1 | 0.0074 mg/L | 0.00285 | 0.0074 mg/L | 0.00285 | 38.55% |
| V 292.402 | -416.9 | -0.0006 mg/L | 0.00004 | -0.0006 mg/L | 0.00004 | 6.45% |
| Ti 334.940 | -5826.2 | 0.0002 mg/L | 0.00003 | 0.0002 mg/L | 0.00003 | 12.54% |
| Ca 227.546 | 147347.8 | 527.87 mg/L | 2.552 | 527.87 mg/L | 2.552 | 0.48% |

Sequence No.: 48

Sample ID: ICSAB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 6

Date Collected: 8/6/2007 2:15:42 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|---------------|-------|----------|-------------|--------|----------|--------|
| Al 308.215 | 16279031.2 | 463.94 mg/L | | 0.842 | 463.94 mg/L | | 0.842 | 0.18% |
| Cr 267.716 | 25103.1 | 0.4731 mg/L | | 0.00895 | 0.4731 mg/L | | 0.00895 | 1.89% |
| Cu 324.752 | 140356.6 | 0.4670 mg/L | | 0.00637 | 0.4670 mg/L | | 0.00637 | 1.36% |
| Fe 273.955 | 6277163.2 | 172.86 mg/L ✓ | | 0.340 | 172.86 mg/L | | 0.340 | 0.20% |
| Mg 279.077 | 11931949.7 | 438.11 mg/L | | 0.889 | 438.11 mg/L | | 0.889 | 0.20% |
| Mn 257.610 | 309505.7 | 0.4574 mg/L | | 0.00675 | 0.4574 mg/L | | 0.00675 | 1.48% |
| Ni 231.604 | 19707.3 | 0.8665 mg/L | | 0.00232 | 0.8665 mg/L | | 0.00232 | 0.27% |
| Pb 220.353 | 75.9 | 0.0470 mg/L ✓ | | 0.00127 | 0.0470 mg/L | | 0.00127 | 2.69% |
| Tl 190.801 | 105.7 | 0.0907 mg/L | | 0.00125 | 0.0907 mg/L | | 0.00125 | 1.38% |
| V 292.402 | 51794.0 | 0.4613 mg/L | | 0.00825 | 0.4613 mg/L | | 0.00825 | 1.79% |
| Ti 334.940 | -5390.9 | 0.0001 mg/L | | 0.00003 | 0.0001 mg/L | | 0.00003 | 28.96% |
| Ca 227.546 | 135455.1 | 485.16 mg/L | | 6.861 | 485.16 mg/L | | 6.861 | 1.41% |

Sequence No.: 49

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/6/2007 2:18:52 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|---------------|-------|----------|-------------|--------|----------|-------|
| Al 308.215 | 348422.6 | 9.9100 mg/L | | 0.00975 | 9.9100 mg/L | | 0.00975 | 0.10% |
| Cr 267.716 | 56749.4 | 1.0333 mg/L | | 0.00328 | 1.0333 mg/L | | 0.00328 | 0.32% |
| Cu 324.752 | 374073.3 | 1.2107 mg/L | | 0.00236 | 1.2107 mg/L | | 0.00236 | 0.19% |
| Fe 273.955 | 188367.6 | 5.2192 mg/L ✓ | | 0.01541 | 5.2192 mg/L | | 0.01541 | 0.30% |
| Mg 279.077 | 680293.9 | 25.013 mg/L | | 0.0507 | 25.013 mg/L | | 0.0507 | 0.20% |
| Mn 257.610 | 1716887.0 | 2.5370 mg/L | | 0.00100 | 2.5370 mg/L | | 0.00100 | 0.04% |
| Ni 231.604 | 60635.5 | 2.5977 mg/L | | 0.00043 | 2.5977 mg/L | | 0.00043 | 0.02% |
| Pb 220.353 | 2809.6 | 0.5045 mg/L ✓ | | 0.00238 | 0.5045 mg/L | | 0.00238 | 0.47% |
| Tl 190.801 | 700.7 | 0.5102 mg/L | | 0.00197 | 0.5102 mg/L | | 0.00197 | 0.39% |
| V 292.402 | 288205.5 | 2.5482 mg/L | | 0.00097 | 2.5482 mg/L | | 0.00097 | 0.04% |
| Ti 334.940 | 438.5 | 0.0006 mg/L | | 0.00001 | 0.0006 mg/L | | 0.00001 | 1.60% |
| Ca 227.546 | 6843.7 | 24.422 mg/L | | 0.0706 | 24.422 mg/L | | 0.0706 | 0.29% |

Sequence No.: 50

Sample ID: CCB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/6/2007 2:21:59 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|--------------|-------|----------|--------------|--------|----------|--------|
| Al 308.215 | 523.5 | 0.0149 mg/L | | 0.00223 | 0.0149 mg/L | | 0.00223 | 14.93% |
| Cr 267.716 | 0.8 | 0.0000 mg/L | | 0.00001 | 0.0000 mg/L | | 0.00001 | 72.93% |
| Cu 324.752 | -391.9 | -0.0013 mg/L | | 0.00009 | -0.0013 mg/L | | 0.00009 | 7.07% |
| Fe 273.955 | 170.7 | 0.0048 mg/L | | 0.00135 | 0.0048 mg/L | | 0.00135 | 28.39% |

| | | | | | | |
|------------|-------|--------------|---------|--------------|---------|---------|
| Mg 279.077 | 273.7 | 0.0101 mg/L | 0.00365 | 0.0101 mg/L | 0.00365 | 36.31% |
| Mn 257.610 | 117.4 | 0.0002 mg/L | 0.00005 | 0.0002 mg/L | 0.00005 | 30.92% |
| Ni 231.604 | 6.9 | 0.0003 mg/L | 0.00024 | 0.0003 mg/L | 0.00024 | 79.81% |
| Pb 220.353 | -4.0 | -0.0007 mg/L | 0.00115 | -0.0007 mg/L | 0.00115 | 159.03% |
| Tl 190.801 | 0.2 | 0.0002 mg/L | 0.00030 | 0.0002 mg/L | 0.00030 | 182.64% |
| V 292.402 | 28.8 | 0.0003 mg/L | 0.00011 | 0.0003 mg/L | 0.00011 | 41.50% |
| Ti 334.940 | -81.5 | -0.0001 mg/L | 0.00001 | -0.0001 mg/L | 0.00001 | 6.66% |
| Ca 227.546 | 7.4 | 0.0265 mg/L | 0.02846 | 0.0265 mg/L | 0.02846 | 107.52% |

=====
Analysis Begun

Start Time: 8/13/2007 6:29:46 AM

Plasma On Time: 8/13/2007 5:54:53 AM

Logged In Analyst: optima3

Technique: ICP Continuous

Spectrometer Model: Optima 4300 DV, S/N 077N3102302 Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0810D.sif

Batch ID:

Results Data Set: B07081301

Results Library: C:\pe\Administrator\Results\Results.mdb

=====
Sequence No.: 1

Autosampler Location: 1

Sample ID: S0

Date Collected: 8/13/2007 6:29:46 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: S0

| Analyte | Mean Corrected | | Std.Dev. | RSD | Calib | |
|------------|----------------|--|----------|---------|--------|-------|
| | Intensity | | | | Conc. | Units |
| Al 308.215 | 4435.4 | | 5.17 | 0.12% | [0.00] | mg/L |
| As 188.979 | 1.2 | | 2.99 | 255.94% | [0.00] | mg/L |
| Cr 267.716 | -20.9 | | 4.41 | 21.13% | [0.00] | mg/L |
| Cu 324.752 | 710.1 | | 10.81 | 1.52% | [0.00] | mg/L |
| Fe 273.955 | -139.6 | | 0.34 | 0.24% | [0.00] | mg/L |
| Mg 279.077 | -351.2 | | 1.62 | 0.46% | [0.00] | mg/L |
| Mn 257.610 | 3.4 | | 10.41 | 306.74% | [0.00] | mg/L |
| Ni 231.604 | -9.4 | | 3.52 | 37.58% | [0.00] | mg/L |
| Pb 220.353 | 22.0 | | 0.66 | 3.00% | [0.00] | mg/L |
| Se 196.026 | 1.6 | | 2.55 | 161.52% | [0.00] | mg/L |
| Tl 190.801 | -2.1 | | 0.30 | 14.47% | [0.00] | mg/L |
| V 292.402 | -47.7 | | 8.46 | 17.73% | [0.00] | mg/L |
| Zn 206.200 | 12.7 | | 2.29 | 18.06% | [0.00] | mg/L |
| Ti 334.940 | 1.0 | | 13.42 | >999.9% | [0.00] | mg/L |
| Ca 227.546 | 68.0 | | 4.75 | 6.99% | [0.00] | mg/L |

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Sequence No.: 2

Autosampler Location: 9

Sample ID: S1

Date Collected: 8/13/2007 6:33:26 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: S1

| Analyte | Mean Corrected | | Std.Dev. | RSD | Calib | |
|------------|----------------|--|----------|-------|-------|-------|
| | Intensity | | | | Conc. | Units |
| Al 308.215 | 640734.4 | | 28.22 | 0.00% | [20] | mg/L |
| As 188.979 | 795.5 | | 4.07 | 0.51% | [1] | mg/L |
| Cr 267.716 | 95960.9 | | 1563.42 | 1.63% | [2] | mg/L |
| Cu 324.752 | 681799.4 | | 50.04 | 0.01% | [2.5] | mg/L |
| Fe 273.955 | 353589.4 | | 1445.31 | 0.41% | [10] | mg/L |
| Mg 279.077 | 1226023.7 | | 709.43 | 0.06% | [50] | mg/L |
| Mn 257.610 | 3071461.1 | | 4089.86 | 0.13% | [5] | mg/L |
| Ni 231.604 | 103831.1 | | 1450.41 | 1.40% | [5] | mg/L |
| Pb 220.353 | 4958.8 | | 34.42 | 0.69% | [1] | mg/L |
| Se 196.026 | 682.2 | | 0.93 | 0.14% | [1] | mg/L |
| Tl 190.801 | 1294.3 | | 8.76 | 0.68% | [1] | mg/L |
| V 292.402 | 488759.2 | | 3022.20 | 0.62% | [5] | mg/L |
| Zn 206.200 | 124793.4 | | 955.46 | 0.77% | [5] | mg/L |
| Ti 334.940 | 838018.4 | | 1576.62 | 0.19% | [1] | mg/L |
| Ca 227.546 | 12211.4 | | 69.50 | 0.57% | [50] | mg/L |

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Calibration Summary

| Analyte | Stds. | Equation | Intercept | Slope | Curvature | Corr. Coef. | Reslope |
|---------|-------|----------|-----------|-------|-----------|-------------|---------|
|---------|-------|----------|-----------|-------|-----------|-------------|---------|

| Element | Conc. | Units | Std. Dev. | Conc. | Units | Std. Dev. | RSD |
|------------|-------|------------|-----------|--------|---------|-----------|-----|
| Al 308.215 | 1 | Lin Thru 0 | 0.0 | 32040 | 0.00000 | 1.000000 | |
| As 188.979 | 1 | Lin Thru 0 | 0.0 | 795.5 | 0.00000 | 1.000000 | |
| Cr 267.716 | 1 | Lin Thru 0 | 0.0 | 47980 | 0.00000 | 1.000000 | |
| Cu 324.752 | 1 | Lin Thru 0 | 0.0 | 272700 | 0.00000 | 1.000000 | |
| Fe 273.955 | 1 | Lin Thru 0 | 0.0 | 35360 | 0.00000 | 1.000000 | |
| Mg 279.077 | 1 | Lin Thru 0 | 0.0 | 24520 | 0.00000 | 1.000000 | |
| Mn 257.610 | 1 | Lin Thru 0 | 0.0 | 614300 | 0.00000 | 1.000000 | |
| Ni 231.604 | 1 | Lin Thru 0 | 0.0 | 20770 | 0.00000 | 1.000000 | |
| Pb 220.353 | 1 | Lin Thru 0 | 0.0 | 4959 | 0.00000 | 1.000000 | |
| Se 196.026 | 1 | Lin Thru 0 | 0.0 | 682.2 | 0.00000 | 1.000000 | |
| Tl 190.801 | 1 | Lin Thru 0 | 0.0 | 1294 | 0.00000 | 1.000000 | |
| V 292.402 | 1 | Lin Thru 0 | 0.0 | 97750 | 0.00000 | 1.000000 | |
| Zn 206.200 | 1 | Lin Thru 0 | 0.0 | 24960 | 0.00000 | 1.000000 | |
| Ti 334.940 | 1 | Lin Thru 0 | 0.0 | 838000 | 0.00000 | 1.000000 | |
| Ca 227.546 | 1 | Lin Thru 0 | 0.0 | 244.2 | 0.00000 | 1.000000 | |

Sequence No.: 3

Autosampler Location: 10

Sample ID: ICV

Date Collected: 8/13/2007 6:36:39 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: ICV

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|---------|-------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 488029.1 | 15.203 mg/L | 0.1536 | 15.203 mg/L | 0.1536 | 1.01% | |
| As 188.979 | 606.8 | 0.7852 mg/L | 0.01153 | 0.7852 mg/L | 0.01153 | 1.47% | |
| Cr 267.716 | 73324.3 | 1.5271 mg/L | 0.00015 | 1.5271 mg/L | 0.00015 | 0.01% | |
| Cu 324.752 | 521005.2 | 1.9116 mg/L | 0.01927 | 1.9116 mg/L | 0.01927 | 1.01% | |
| Fe 273.955 | 270943.0 | 7.9323 mg/L | 0.03721 | 7.9323 mg/L | 0.03721 | 0.47% | |
| Mg 279.077 | 943846.0 | 38.538 mg/L | 0.4336 | 38.538 mg/L | 0.4336 | 1.13% | |
| Mn 257.610 | 2371552.6 | 3.8607 mg/L | 0.03790 | 3.8607 mg/L | 0.03790 | 0.98% | |
| Ni 231.604 | 78838.2 | 3.7971 mg/L | 0.00951 | 3.7971 mg/L | 0.00951 | 0.25% | |
| Pb 220.353 | 3753.0 | 0.7578 mg/L | 0.00547 | 0.7578 mg/L | 0.00547 | 0.72% | |
| Se 196.026 | 513.9 | 0.7529 mg/L | 0.00631 | 0.7529 mg/L | 0.00631 | 0.84% | |
| Tl 190.801 | 992.7 | 0.7708 mg/L | 0.00564 | 0.7708 mg/L | 0.00564 | 0.73% | |
| V 292.402 | 377094.9 | 3.8606 mg/L | 0.04273 | 3.8606 mg/L | 0.04273 | 1.11% | |
| Zn 206.200 | 96165.0 | 3.8610 mg/L | 0.02056 | 3.8610 mg/L | 0.02056 | 0.53% | |
| Ti 334.940 | 812.5 | 0.0013 mg/L | 0.00003 | 0.0013 mg/L | 0.00003 | 2.40% | |
| Ca 227.546 | 9463.1 | 38.333 mg/L | 0.2157 | 38.333 mg/L | 0.2157 | 0.56% | |

Sequence No.: 4

Autosampler Location: 4

Sample ID: ICB

Date Collected: 8/13/2007 6:39:50 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: ICB

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------------|---------|--------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 175.4 | 0.0055 mg/L | 0.00103 | 0.0055 mg/L | 0.00103 | 18.86% | |
| As 188.979 | 0.2 | 0.0002 mg/L | 0.00420 | 0.0002 mg/L | 0.00420 | >999.9% | |
| Cr 267.716 | 4.1 | 0.0001 mg/L | 0.00006 | 0.0001 mg/L | 0.00006 | 67.50% | |
| Cu 324.752 | 86.3 | 0.0003 mg/L | 0.00005 | 0.0003 mg/L | 0.00005 | 15.39% | |
| Fe 273.955 | 104.2 | 0.0030 mg/L | 0.00139 | 0.0030 mg/L | 0.00139 | 47.08% | |
| Mg 279.077 | 116.0 | 0.0047 mg/L | 0.00210 | 0.0047 mg/L | 0.00210 | 44.47% | |
| Mn 257.610 | 203.6 | 0.0003 mg/L | 0.00005 | 0.0003 mg/L | 0.00005 | 15.88% | |
| Ni 231.604 | 13.1 | 0.0006 mg/L | 0.00004 | 0.0006 mg/L | 0.00004 | 6.39% | |
| Pb 220.353 | 4.1 | 0.0008 mg/L | 0.00073 | 0.0008 mg/L | 0.00073 | 88.85% | |
| Se 196.026 | -0.9 | -0.0013 mg/L | 0.00203 | -0.0013 mg/L | 0.00203 | 153.80% | |
| Tl 190.801 | 0.4 | 0.0003 mg/L | 0.00050 | 0.0003 mg/L | 0.00050 | 162.49% | |
| V 292.402 | 31.4 | 0.0003 mg/L | 0.00017 | 0.0003 mg/L | 0.00017 | 51.73% | |
| Zn 206.200 | 33.2 | 0.0013 mg/L | 0.00002 | 0.0013 mg/L | 0.00002 | 1.86% | |
| Ti 334.940 | 26.4 | 0.0000 mg/L | 0.00000 | 0.0000 mg/L | 0.00000 | 12.04% | |
| Ca 227.546 | -1.5 | -0.0061 mg/L | 0.01431 | -0.0061 mg/L | 0.01431 | 235.45% | |

Sequence No.: 5
 Sample ID: CRI
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 7
 Date Collected: 8/13/2007 6:43:32 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: CRI

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 6610.9 | 0.2060 | mg/L | 0.00128 | 0.2060 | mg/L | 0.62% |
| As 188.979 | 6.8 | 0.0087 | mg/L | 0.00134 | 0.0087 | mg/L | 15.38% |
| Cr 267.716 | 491.2 | 0.0103 | mg/L | 0.00012 | 0.0103 | mg/L | 1.21% |
| Cu 324.752 | 6948.8 | 0.0256 | mg/L | 0.00019 | 0.0256 | mg/L | 0.74% |
| Fe 273.955 | 3645.6 | 0.1286 | mg/L | 0.00077 | 0.1286 | mg/L | 0.60% |
| Mg 279.077 | 128785.0 | 5.2523 | mg/L | 0.00639 | 5.2523 | mg/L | 0.12% |
| Mn 257.610 | 10044.7 | 0.0164 | mg/L | 0.00000 | 0.0164 | mg/L | 0.02% |
| Ni 231.604 | 881.2 | 0.0425 | mg/L | 0.00023 | 0.0425 | mg/L | 0.54% |
| Pb 220.353 | 52.6 | 0.0107 | mg/L | 0.00066 | 0.0107 | mg/L | 6.22% |
| Se 196.026 | 23.1 | 0.0336 | mg/L | 0.00012 | 0.0336 | mg/L | 0.37% |
| Tl 190.801 | 34.8 | 0.0269 | mg/L | 0.00084 | 0.0269 | mg/L | 3.13% |
| V 292.402 | 5129.7 | 0.0525 | mg/L | 0.00050 | 0.0525 | mg/L | 0.96% |
| Zn 206.200 | 1620.0 | 0.0650 | mg/L | 0.00030 | 0.0650 | mg/L | 0.46% |
| Ti 334.940 | -19.1 | 0.0000 | mg/L | 0.00001 | 0.0000 | mg/L | 43.78% |
| Ca 227.546 | 1171.2 | 4.7897 | mg/L | 0.00855 | 4.7897 | mg/L | 0.18% |

Sequence No.: 6
 Sample ID: ICSA
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 5
 Date Collected: 8/13/2007 6:46:36 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: ICSA

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|--|----------------|---------|-------|----------|---------|-------|---------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 14491766.0 | 452.35 | mg/L | 2.325 | 452.35 | mg/L | 0.51% |
| As 188.979 | -10.0 | -0.0023 | mg/L | 0.00275 | -0.0023 | mg/L | 118.79% |
| Cr 267.716 | -146.0 | -0.0083 | mg/L | 0.00007 | -0.0083 | mg/L | 0.78% |
| Cu 324.752 | -5165.2 | -0.0059 | mg/L | 0.00010 | -0.0059 | mg/L | 1.69% |
| Fe 273.955 | 5679240.4 | 165.27 | mg/L | 0.886 | 165.27 | mg/L | 0.54% |
| Mg 279.077 | 10633176.4 | 433.57 | mg/L | 2.279 | 433.57 | mg/L | 0.53% |
| Mn 257.610 | 1538.5 | 0.0025 | mg/L | 0.00004 | 0.0025 | mg/L | 1.64% |
| Saturated outside survey window (code 6) | | | | | | | |
| Ni 231.604 | 41.2 | 0.0242 | mg/L | 0.00018 | 0.0242 | mg/L | 0.75% |
| Pb 220.353 | -150.1 | 0.0024 | mg/L | 0.00137 | 0.0024 | mg/L | 56.23% |
| Se 196.026 | -17.2 | 0.0107 | mg/L | 0.00128 | 0.0107 | mg/L | 11.89% |
| Tl 190.801 | -18.9 | 0.0022 | mg/L | 0.00314 | 0.0022 | mg/L | 142.55% |
| V 292.402 | -434.7 | -0.0017 | mg/L | 0.00004 | -0.0017 | mg/L | 2.44% |
| Zn 206.200 | 272.4 | 0.0057 | mg/L | 0.00001 | 0.0057 | mg/L | 0.13% |
| Ti 334.940 | -4806.4 | 0.0001 | mg/L | 0.00001 | 0.0001 | mg/L | 12.21% |
| Ca 227.546 | 119373.6 | 485.30 | mg/L | 2.328 | 485.30 | mg/L | 0.48% |

Sequence No.: 7
 Sample ID: ICSAB
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 6
 Date Collected: 8/13/2007 6:49:50 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

 Mean Data: ICSAB

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 15674860.8 | 489.27 | mg/L | 3.684 | 489.27 | mg/L | 0.75% |
| As 188.979 | 60.3 | 0.0940 | mg/L | 0.00589 | 0.0940 | mg/L | 6.26% |
| Cr 267.716 | 22640.9 | 0.4660 | mg/L | 0.00374 | 0.4660 | mg/L | 0.80% |
| Cu 324.752 | 135225.4 | 0.5101 | mg/L | 0.00233 | 0.5101 | mg/L | 0.46% |
| Fe 273.955 | 6151100.8 | 179.01 | mg/L | 1.401 | 179.01 | mg/L | 0.78% |
| Mg 279.077 | 11510374.1 | 469.35 | mg/L | 3.757 | 469.35 | mg/L | 0.80% |

| | | | | | | |
|------------|----------|---------------|---------|-------------|---------|-------|
| Mn 257.610 | 300748.8 | 0.4896 mg/L ✓ | 0.00136 | 0.4896 mg/L | 0.00136 | 0.28% |
| Ni 231.604 | 17943.2 | 0.8881 mg/L | 0.00031 | 0.8881 mg/L | 0.00031 | 0.04% |
| Pb 220.353 | 68.9 | 0.0493 mg/L | 0.00133 | 0.0493 mg/L | 0.00133 | 2.70% |
| Se 196.026 | 13.5 | 0.0586 mg/L | 0.00475 | 0.0586 mg/L | 0.00475 | 8.11% |
| Tl 190.801 | 94.0 | 0.0912 mg/L | 0.00044 | 0.0912 mg/L | 0.00044 | 0.49% |
| V 292.402 | 47525.1 | 0.4900 mg/L | 0.00230 | 0.4900 mg/L | 0.00230 | 0.47% |
| Zn 206.200 | 22587.7 | 0.9018 mg/L ✓ | 0.00100 | 0.9018 mg/L | 0.00100 | 0.11% |
| Ti 334.940 | -5093.9 | 0.0002 mg/L | 0.00001 | 0.0002 mg/L | 0.00001 | 4.62% |
| Ca 227.546 | 130190.1 | 529.25 mg/L | 2.751 | 529.25 mg/L | 2.751 | 0.52% |

Sequence No.: 8

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/13/2007 6:53:00 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|-------|
| Al 308.215 | 312416.0 | 9.7325 mg/L | 0.19412 | 9.7325 mg/L | 0.19412 | 1.99% |
| As 188.979 | 389.6 | 0.5044 mg/L | 0.00513 | 0.5044 mg/L | 0.00513 | 1.02% |
| Cr 267.716 | 47829.5 | 0.9961 mg/L | 0.03368 | 0.9961 mg/L | 0.03368 | 3.38% |
| Cu 324.752 | 335660.3 | 1.2316 mg/L | 0.00604 | 1.2316 mg/L | 0.00604 | 0.49% |
| Fe 273.955 | 177382.7 | 5.1896 mg/L | 0.09849 | 5.1896 mg/L | 0.09849 | 1.90% |
| Mg 279.077 | 616024.2 | 25.153 mg/L | 0.2054 | 25.153 mg/L | 0.2054 | 0.82% |
| Mn 257.610 | 1551869.4 | 2.5263 mg/L ✓ | 0.01692 | 2.5263 mg/L | 0.01692 | 0.67% |
| Ni 231.604 | 51838.1 | 2.4967 mg/L | 0.08755 | 2.4967 mg/L | 0.08755 | 3.51% |
| Pb 220.353 | 2488.6 | 0.5025 mg/L | 0.00340 | 0.5025 mg/L | 0.00340 | 0.68% |
| Se 196.026 | 336.4 | 0.4930 mg/L | 0.00163 | 0.4930 mg/L | 0.00163 | 0.33% |
| Tl 190.801 | 647.3 | 0.5027 mg/L | 0.00556 | 0.5027 mg/L | 0.00556 | 1.11% |
| V 292.402 | 241806.2 | 2.4756 mg/L | 0.07887 | 2.4756 mg/L | 0.07887 | 3.19% |
| Zn 206.200 | 62698.6 | 2.5174 mg/L ✓ | 0.05528 | 2.5174 mg/L | 0.05528 | 2.20% |
| Ti 334.940 | 406.3 | 0.0007 mg/L | 0.00000 | 0.0007 mg/L | 0.00000 | 6.69% |
| Ca 227.546 | 6051.7 | 24.508 mg/L | 0.0312 | 24.508 mg/L | 0.0312 | 0.13% |

Sequence No.: 9

Sample ID: CCB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/13/2007 6:56:11 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Al 308.215 | 318.1 | 0.0099 mg/L | 0.00103 | 0.0099 mg/L | 0.00103 | 10.40% |
| As 188.979 | 1.8 | 0.0022 mg/L | 0.00142 | 0.0022 mg/L | 0.00142 | 63.40% |
| Cr 267.716 | -1.3 | 0.0000 mg/L | 0.00007 | 0.0000 mg/L | 0.00007 | 261.89% |
| Cu 324.752 | 56.9 | 0.0002 mg/L | 0.00006 | 0.0002 mg/L | 0.00006 | 29.00% |
| Fe 273.955 | 164.9 | 0.0049 mg/L | 0.00207 | 0.0049 mg/L | 0.00207 | 42.21% |
| Mg 279.077 | 193.0 | 0.0079 mg/L | 0.00088 | 0.0079 mg/L | 0.00088 | 11.13% |
| Mn 257.610 | 88.1 | 0.0001 mg/L ✓ | 0.00008 | 0.0001 mg/L | 0.00008 | 58.63% |
| Ni 231.604 | 8.9 | 0.0004 mg/L | 0.00001 | 0.0004 mg/L | 0.00001 | 3.33% |
| Pb 220.353 | -0.2 | 0.0000 mg/L | 0.00013 | 0.0000 mg/L | 0.00013 | 281.90% |
| Se 196.026 | 0.5 | 0.0007 mg/L | 0.00731 | 0.0007 mg/L | 0.00731 | >999.9% |
| Tl 190.801 | 1.5 | 0.0012 mg/L | 0.00031 | 0.0012 mg/L | 0.00031 | 26.39% |
| V 292.402 | 28.9 | 0.0003 mg/L | 0.00004 | 0.0003 mg/L | 0.00004 | 13.01% |
| Zn 206.200 | 11.2 | 0.0004 mg/L ✓ | 0.00006 | 0.0004 mg/L | 0.00006 | 13.38% |
| Ti 334.940 | 52.6 | 0.0001 mg/L | 0.00009 | 0.0001 mg/L | 0.00009 | 146.90% |
| Ca 227.546 | 10.6 | 0.0434 mg/L | 0.02432 | 0.0434 mg/L | 0.02432 | 56.07% |

Sequence No.: 10

Sample ID: MB-31385,31385

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 38

Date Collected: 8/13/2007 6:59:52 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: MB-31385,31385

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|--------|----------|---------|-------|-----------------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 336.6 | 0.0105 | mg/L | 0.00013 | 0.0105 | mg/L | 0.00013 1.21% |
| As 188.979 | -2.9 | -0.0036 | mg/L | 0.00079 | -0.0036 | mg/L | 0.00079 21.93% |
| Cr 267.716 | 22.0 | 0.0005 | mg/L | 0.00014 | 0.0005 | mg/L | 0.00014 30.37% |
| Cu 324.752 | 320.0 | 0.0012 | mg/L | 0.00007 | 0.0012 | mg/L | 0.00007 5.95% |
| Fe 273.955 | 499.6 | 0.0144 | mg/L | 0.00084 | 0.0144 | mg/L | 0.00084 5.88% |
| Mg 279.077 | 71.9 | 0.0029 | mg/L | 0.00197 | 0.0029 | mg/L | 0.00197 67.03% |
| Mn 257.610 | 611.3 | 0.0010 | mg/L ✓ | 0.00002 | 0.0010 | mg/L | 0.00002 1.60% |
| Ni 231.604 | 0.9 | 0.0000 | mg/L | 0.00041 | 0.0000 | mg/L | 0.00041 890.55% |
| Pb 220.353 | 5.7 | 0.0011 | mg/L | 0.00001 | 0.0011 | mg/L | 0.00001 0.99% |
| Se 196.026 | 2.4 | 0.0035 | mg/L | 0.00121 | 0.0035 | mg/L | 0.00121 34.41% |
| Tl 190.801 | -1.7 | -0.0013 | mg/L | 0.00006 | -0.0013 | mg/L | 0.00006 4.79% |
| V 292.402 | 6.9 | 0.0001 | mg/L | 0.00011 | 0.0001 | mg/L | 0.00011 145.88% |
| Zn 206.200 | 86.5 | 0.0035 | mg/L ✓ | 0.00025 | 0.0035 | mg/L | 0.00025 7.14% |
| Ti 334.940 | 86.4 | 0.0001 | mg/L | 0.00002 | 0.0001 | mg/L | 0.00002 15.43% |
| Ca 227.546 | 10.5 | 0.0428 | mg/L | 0.02911 | 0.0428 | mg/L | 0.02911 68.10% |

Sequence No.: 11

Autosampler Location: 39

Sample ID: LCS-31385,31385

Date Collected: 8/13/2007 7:03:33 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: LCS-31385,31385

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|--------|----------|--------|-------|---------------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 292338.1 | 9.1067 | mg/L | 0.01382 | 9.1067 | mg/L | 0.01382 0.15% |
| As 188.979 | 368.6 | 0.4773 | mg/L | 0.00628 | 0.4773 | mg/L | 0.00628 1.32% |
| Cr 267.716 | 45459.2 | 0.9467 | mg/L | 0.00468 | 0.9467 | mg/L | 0.00468 0.49% |
| Cu 324.752 | 325301.6 | 1.1936 | mg/L | 0.00045 | 1.1936 | mg/L | 0.00045 0.04% |
| Fe 273.955 | 167063.3 | 4.8876 | mg/L | 0.01052 | 4.8876 | mg/L | 0.01052 0.22% |
| Mg 279.077 | 579329.2 | 23.655 | mg/L | 0.0429 | 23.655 | mg/L | 0.0429 0.18% |
| Mn 257.610 | 1484657.4 | 2.4169 | mg/L ✓ | 0.00132 | 2.4169 | mg/L | 0.00132 0.05% |
| Ni 231.604 | 48483.4 | 2.3351 | mg/L | 0.00706 | 2.3351 | mg/L | 0.00706 0.30% |
| Pb 220.353 | 2372.8 | 0.4791 | mg/L | 0.00438 | 0.4791 | mg/L | 0.00438 0.91% |
| Se 196.026 | 309.4 | 0.4534 | mg/L | 0.00466 | 0.4534 | mg/L | 0.00466 1.03% |
| Tl 190.801 | 610.1 | 0.4738 | mg/L | 0.00949 | 0.4738 | mg/L | 0.00949 2.00% |
| V 292.402 | 230358.3 | 2.3584 | mg/L | 0.00596 | 2.3584 | mg/L | 0.00596 0.25% |
| Zn 206.200 | 57450.4 | 2.3068 | mg/L ✓ | 0.00160 | 2.3068 | mg/L | 0.00160 0.07% |
| Ti 334.940 | 477.9 | 0.0007 | mg/L | 0.00001 | 0.0007 | mg/L | 0.00001 0.91% |
| Ca 227.546 | 5710.6 | 23.127 | mg/L | 0.1520 | 23.127 | mg/L | 0.1520 0.66% |

Sequence No.: 12

Autosampler Location: 40

Sample ID: F0936-12B,31385

Date Collected: 8/13/2007 7:06:43 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0936-12B,31385

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|--------|----------|---------|-------|----------------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 57467721.9 | 1793.8 | mg/L | 9.84 | 1793.8 | mg/L | 9.84 0.55% |
| As 188.979 | -19.1 | 0.0716 | mg/L | 0.03666 | 0.0716 | mg/L | 0.03666 51.19% |
| Cr 267.716 | 173738.9 | 3.6150 | mg/L | 0.03273 | 3.6150 | mg/L | 0.03273 0.91% |
| Cu 324.752 | 12535690.4 | 46.010 | mg/L | 0.1114 | 46.010 | mg/L | 0.1114 0.24% |
| Fe 273.955 | 55412508.9 | 1584.6 | mg/L | 0.21 | 1584.6 | mg/L | 0.21 0.01% |
| Mg 279.077 | 12772164.1 | 520.17 | mg/L | 0.679 | 520.17 | mg/L | 0.679 0.13% |
| Mn 257.610 | Saturated2 | | | | | | |
| Ni 231.604 | 97675.7 | 4.7920 | mg/L X | 0.05559 | 4.7920 | mg/L | 0.05559 1.16% |
| Pb 220.353 | 550836.7 | 111.20 | mg/L | 0.883 | 111.20 | mg/L | 0.883 0.79% |
| Se 196.026 | -708.1 | -0.5400 | mg/L | 0.03532 | -0.5400 | mg/L | 0.03532 6.54% |
| Tl 190.801 | -309.0 | 0.0634 | mg/L | 0.00668 | 0.0634 | mg/L | 0.00668 10.53% |
| V 292.402 | 435982.3 | 4.4881 | mg/L | 0.04286 | 4.4881 | mg/L | 0.04286 0.96% |
| Zn 206.200 | 1819083.8 | 72.865 | mg/L X | 0.4054 | 72.865 | mg/L | 0.4054 0.56% |

| | | | | | | |
|------------|----------|-------------|---------|-------------|---------|-------|
| Ti 334.940 | 264596.3 | 0.3392 mg/L | 0.01341 | 0.3392 mg/L | 0.01341 | 3.95% |
| Ca 227.546 | 487949.1 | 1963.9 mg/L | 14.56 | 1963.9 mg/L | 14.56 | 0.74% |

Sequence No.: 13

Sample ID: F0936-12BDUP,31385

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 41

Date Collected: 8/13/2007 7:09:42 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-12BDUP,31385

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|--------------|----------|-------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 56746017.3 | | 1771.2 mg/L | 4.56 | 1771.2 mg/L | 4.56 | 0.26% |
| As 188.979 | 73.3 | | 0.1875 mg/L | 0.00570 | 0.1875 mg/L | 0.00570 | 3.04% |
| Cr 267.716 | 176636.2 | | 3.6758 mg/L | 0.01594 | 3.6758 mg/L | 0.01594 | 0.43% |
| Cu 324.752 | 12482792.4 | | 45.814 mg/L | 0.0069 | 45.814 mg/L | 0.0069 | 0.02% |
| Fe 273.955 | 55804453.6 | | 1595.4 mg/L | 0.94 | 1595.4 mg/L | 0.94 | 0.06% |
| Mg 279.077 | 12686597.7 | | 516.68 mg/L | 0.098 | 516.68 mg/L | 0.098 | 0.02% |
| Mn 257.610 | Saturated2 | | | | | | |
| Ni 231.604 | 96091.9 | | 4.7142 mg/L | 0.00653 | 4.7142 mg/L | 0.00653 | 0.14% |
| Pb 220.353 | 555914.9 | | 112.22 mg/L | 0.256 | 112.22 mg/L | 0.256 | 0.23% |
| Se 196.026 | -630.4 | | -0.4193 mg/L | 0.00660 | -0.4193 mg/L | 0.00660 | 1.57% |
| Tl 190.801 | -291.8 | | 0.0815 mg/L | 0.00732 | 0.0815 mg/L | 0.00732 | 8.98% |
| V 292.402 | 416913.5 | | 4.2934 mg/L | 0.02369 | 4.2934 mg/L | 0.02369 | 0.55% |
| Zn 206.200 | 1823399.3 | | 73.039 mg/L | 0.1423 | 73.039 mg/L | 0.1423 | 0.19% |
| Ti 334.940 | 151511.1 | | 0.2037 mg/L | 0.00283 | 0.2037 mg/L | 0.00283 | 1.39% |
| Ca 227.546 | 476456.8 | | 1916.6 mg/L | 8.70 | 1916.6 mg/L | 8.70 | 0.45% |

Sequence No.: 14

Sample ID: F0936-12BMS,31385

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 42

Date Collected: 8/13/2007 7:12:41 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-12BMS,31385

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|--------------|----------|--------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 57678859.9 | | 1800.4 mg/L | 0.22 | 1800.4 mg/L | 0.22 | 0.01% |
| As 188.979 | -98.0 | | -0.0222 mg/L | 0.00670 | -0.0222 mg/L | 0.00670 | 30.14% |
| Cr 267.716 | 185488.7 | | 3.8550 mg/L | 0.00681 | 3.8550 mg/L | 0.00681 | 0.18% |
| Cu 324.752 | 12919561.0 | | 47.419 mg/L | 0.0338 | 47.419 mg/L | 0.0338 | 0.07% |
| Fe 273.955 | 50554487.6 | | 1447.3 mg/L | 0.16 | 1447.3 mg/L | 0.16 | 0.01% |
| Mg 279.077 | 13581663.7 | | 553.24 mg/L | 0.176 | 553.24 mg/L | 0.176 | 0.03% |
| Mn 257.610 | Saturated2 | | | | | | |
| Ni 231.604 | 112817.1 | | 5.5215 mg/L | 0.02296 | 5.5215 mg/L | 0.02296 | 0.42% |
| Pb 220.353 | 602423.8 | | 121.60 mg/L | 0.665 | 121.60 mg/L | 0.665 | 0.55% |
| Se 196.026 | -498.1 | | -0.2830 mg/L | 0.07703 | -0.2830 mg/L | 0.07703 | 27.22% |
| Tl 190.801 | -180.4 | | 0.1273 mg/L | 0.00188 | 0.1273 mg/L | 0.00188 | 1.48% |
| V 292.402 | -6262.0 | | -0.0381 mg/L | 0.00044 | -0.0381 mg/L | 0.00044 | 1.16% |
| Zn 206.200 | 2010208.6 | | 80.524 mg/L | 0.4398 | 80.524 mg/L | 0.4398 | 0.55% |
| Ti 334.940 | 92369.6 | | 0.1336 mg/L | 0.00320 | 0.1336 mg/L | 0.00320 | 2.40% |
| Ca 227.546 | 486801.2 | | 1962.1 mg/L | 12.62 | 1962.1 mg/L | 12.62 | 0.64% |

Sequence No.: 15

Sample ID: F0936-12BSD,31385

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 43

Date Collected: 8/13/2007 7:15:32 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-12BSD,31385

| Analyte | Mean Corrected | | Calib Conc. Units | Std.Dev. | Sample | | RSD |
|------------|----------------|--|----------------------|----------|-------------|----------|--------|
| | Intensity | | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 17823965.3 | | 556.35 mg/L | 2.255 | 556.35 mg/L | 2.255 | 0.41% |
| As 188.979 | 0.6 | | 0.0213 mg/L | 0.00585 | 0.0213 mg/L | 0.00585 | 27.49% |
| Cr 267.716 | 51161.2 | | 1.0505 mg/L | 0.00166 | 1.0505 mg/L | 0.00166 | 0.16% |

| | | | | | | |
|------------|------------|-------------|---------|-------------|---------|-------|
| Cu 324.752 | 2910394.5 | 10.676 mg/L | 0.0031 | 10.676 mg/L | 0.0031 | 0.03% |
| Fe 273.955 | 31334641.9 | 890.92 mg/L | 1.243 | 890.92 mg/L | 1.243 | 0.14% |
| Mg 279.077 | 4099093.4 | 167.01 mg/L | 0.004 | 167.01 mg/L | 0.004 | 0.00% |
| Mn 257.610 | 12554122.1 | 20.437 mg/L | 0.0632 | 20.437 mg/L | 0.0632 | 0.31% |
| Ni 231.604 | 30902.7 | 1.5115 mg/L | 0.00283 | 1.5115 mg/L | 0.00283 | 0.19% |
| Pb 220.353 | 183392.5 | 37.014 mg/L | 0.0508 | 37.014 mg/L | 0.0508 | 0.14% |
| Se 196.026 | -168.7 | 0.0490 mg/L | 0.00314 | 0.0490 mg/L | 0.00314 | 6.41% |
| Tl 190.801 | -62.6 | 0.1795 mg/L | 0.00251 | 0.1795 mg/L | 0.00251 | 1.40% |
| V 292.402 | 114159.6 | 1.1852 mg/L | 0.00005 | 1.1852 mg/L | 0.00005 | 0.00% |
| Zn 206.200 | 748987.6 | 30.005 mg/L | 0.0488 | 30.005 mg/L | 0.0488 | 0.16% |
| Ti 334.940 | 42736.7 | 0.0562 mg/L | 0.00131 | 0.0562 mg/L | 0.00131 | 2.33% |
| Ca 227.546 | 108609.5 | 425.70 mg/L | 2.020 | 425.70 mg/L | 2.020 | 0.47% |

Sequence No.: 16
 Sample ID: ACIDBLK
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 2
 Date Collected: 8/13/2007 7:18:56 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: ACIDBLK

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|--------------|-------|----------|--------------|--------|----------|---------|
| Al 308.215 | 6153.0 | 0.1921 mg/L | | 0.01579 | 0.1921 mg/L | | 0.01579 | 8.22% |
| As 188.979 | 0.9 | 0.0011 mg/L | | 0.00209 | 0.0011 mg/L | | 0.00209 | 188.05% |
| Cr 267.716 | 18.9 | 0.0004 mg/L | | 0.00001 | 0.0004 mg/L | | 0.00001 | 1.63% |
| Cu 324.752 | 1841.0 | 0.0067 mg/L | | 0.00024 | 0.0067 mg/L | | 0.00024 | 3.50% |
| Fe 273.955 | 16342.8 | 0.4637 mg/L | | 0.03804 | 0.4637 mg/L | | 0.03804 | 8.20% |
| Mg 279.077 | 1725.0 | 0.0702 mg/L | | 0.00274 | 0.0702 mg/L | | 0.00274 | 3.90% |
| Mn 257.610 | 5845.3 | 0.0095 mg/L | | 0.00034 | 0.0095 mg/L | | 0.00034 | 3.55% |
| Ni 231.604 | 13.1 | 0.0006 mg/L | | 0.00015 | 0.0006 mg/L | | 0.00015 | 24.22% |
| Pb 220.353 | 420.1 | 0.0847 mg/L | | 0.00681 | 0.0847 mg/L | | 0.00681 | 8.03% |
| Se 196.026 | 0.9 | 0.0014 mg/L | | 0.00247 | 0.0014 mg/L | | 0.00247 | 175.08% |
| Tl 190.801 | -0.6 | -0.0003 mg/L | | 0.00013 | -0.0003 mg/L | | 0.00013 | 38.06% |
| V 292.402 | 21.7 | 0.0002 mg/L | | 0.00008 | 0.0002 mg/L | | 0.00008 | 34.66% |
| Zn 206.200 | 2321.8 | 0.0930 mg/L | | 0.01105 | 0.0930 mg/L | | 0.01105 | 11.88% |
| Ti 334.940 | 103.4 | 0.0001 mg/L | | 0.00000 | 0.0001 mg/L | | 0.00000 | 1.64% |
| Ca 227.546 | 27.7 | 0.1034 mg/L | | 0.03113 | 0.1034 mg/L | | 0.03113 | 30.12% |

Sequence No.: 17
 Sample ID: ACIDBLK
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 2
 Date Collected: 8/13/2007 7:22:37 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: ACIDBLK

| Analyte | Mean Corrected Intensity | Conc. Units | Calib | Std.Dev. | Conc. Units | Sample | Std.Dev. | RSD |
|------------|--------------------------|--------------|-------|----------|--------------|--------|----------|---------|
| Al 308.215 | 1352.7 | 0.0422 mg/L | | 0.00827 | 0.0422 mg/L | | 0.00827 | 19.58% |
| As 188.979 | -2.4 | -0.0030 mg/L | | 0.00109 | -0.0030 mg/L | | 0.00109 | 36.40% |
| Cr 267.716 | 5.1 | 0.0001 mg/L | | 0.00005 | 0.0001 mg/L | | 0.00005 | 44.18% |
| Cu 324.752 | 921.7 | 0.0034 mg/L | | 0.00011 | 0.0034 mg/L | | 0.00011 | 3.39% |
| Fe 273.955 | 3757.2 | 0.1067 mg/L | | 0.01490 | 0.1067 mg/L | | 0.01490 | 13.96% |
| Mg 279.077 | 371.0 | 0.0151 mg/L | | 0.00190 | 0.0151 mg/L | | 0.00190 | 12.59% |
| Mn 257.610 | 1382.1 | 0.0022 mg/L | | 0.00032 | 0.0022 mg/L | | 0.00032 | 14.04% |
| Ni 231.604 | 7.5 | 0.0004 mg/L | | 0.00007 | 0.0004 mg/L | | 0.00007 | 19.60% |
| Pb 220.353 | 264.0 | 0.0532 mg/L | | 0.00154 | 0.0532 mg/L | | 0.00154 | 2.90% |
| Se 196.026 | -1.7 | -0.0024 mg/L | | 0.00333 | -0.0024 mg/L | | 0.00333 | 139.48% |
| Tl 190.801 | -0.5 | -0.0003 mg/L | | 0.00068 | -0.0003 mg/L | | 0.00068 | 202.95% |
| V 292.402 | 7.9 | 0.0001 mg/L | | 0.00006 | 0.0001 mg/L | | 0.00006 | 74.60% |
| Zn 206.200 | 1336.4 | 0.0535 mg/L | | 0.00261 | 0.0535 mg/L | | 0.00261 | 4.88% |
| Ti 334.940 | 112.4 | 0.0001 mg/L | | 0.00013 | 0.0001 mg/L | | 0.00013 | 94.66% |
| Ca 227.546 | 14.9 | 0.0586 mg/L | | 0.02157 | 0.0586 mg/L | | 0.02157 | 36.80% |

Sequence No.: 18
 Sample ID: CCV
 Analyst:

Autosampler Location: 3
 Date Collected: 8/13/2007 7:26:17 AM
 Data Type: Original

Initial Sample Wt:
Dilution:

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Calib | | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|--------|------|----------|-------|
| | Intensity | Conc. | Units | Conc. | Units | | | |
| Al 308.215 | 311055.9 | 9.6900 | mg/L | 0.07696 | 9.6900 | mg/L | 0.07696 | 0.79% |
| As 188.979 | 396.5 | 0.5131 | mg/L | 0.00241 | 0.5131 | mg/L | 0.00241 | 0.47% |
| Cr 267.716 | 48050.4 | 1.0007 | mg/L | 0.00648 | 1.0007 | mg/L | 0.00648 | 0.65% |
| Cu 324.752 | 338254.3 | 1.2411 | mg/L | 0.01677 | 1.2411 | mg/L | 0.01677 | 1.35% |
| Fe 273.955 | 177604.7 | 5.1961 | mg/L | 0.03839 | 5.1961 | mg/L | 0.03839 | 0.74% |
| Mg 279.077 | 618757.2 | 25.264 | mg/L | 0.3333 | 25.264 | mg/L | 0.3333 | 1.32% |
| Mn 257.610 | 1559271.7 | 2.5384 | mg/L | 0.03579 | 2.5384 | mg/L | 0.03579 | 1.41% |
| Ni 231.604 | 51916.7 | 2.5005 | mg/L | 0.01870 | 2.5005 | mg/L | 0.01870 | 0.75% |
| Pb 220.353 | 2633.0 | 0.5316 | mg/L | 0.00020 | 0.5316 | mg/L | 0.00020 | 0.04% |
| Se 196.026 | 342.7 | 0.5021 | mg/L | 0.00191 | 0.5021 | mg/L | 0.00191 | 0.38% |
| Tl 190.801 | 651.1 | 0.5056 | mg/L | 0.00149 | 0.5056 | mg/L | 0.00149 | 0.29% |
| V 292.402 | 242755.5 | 2.4853 | mg/L | 0.01511 | 2.4853 | mg/L | 0.01511 | 0.61% |
| Zn 206.200 | 64148.1 | 2.5755 | mg/L | 0.01812 | 2.5755 | mg/L | 0.01812 | 0.70% |
| Ti 334.940 | 413.0 | 0.0007 | mg/L | 0.00006 | 0.0007 | mg/L | 0.00006 | 8.59% |
| Ca 227.546 | 6070.6 | 24.585 | mg/L | 0.0234 | 24.585 | mg/L | 0.0234 | 0.10% |

Sequence No.: 19

Autosampler Location: 4

Sample ID: CCB

Date Collected: 8/13/2007 7:29:27 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib | | Sample | | Std.Dev. | RSD |
|------------|----------------|---------|-------|---------|---------|------|----------|---------|
| | Intensity | Conc. | Units | Conc. | Units | | | |
| Al 308.215 | 500.7 | 0.0156 | mg/L | 0.00659 | 0.0156 | mg/L | 0.00659 | 42.20% |
| As 188.979 | -0.3 | -0.0004 | mg/L | 0.00100 | -0.0004 | mg/L | 0.00100 | 250.27% |
| Cr 267.716 | 10.2 | 0.0002 | mg/L | 0.00013 | 0.0002 | mg/L | 0.00013 | 61.05% |
| Cu 324.752 | 333.4 | 0.0012 | mg/L | 0.00057 | 0.0012 | mg/L | 0.00057 | 46.47% |
| Fe 273.955 | 1044.4 | 0.0296 | mg/L | 0.01603 | 0.0296 | mg/L | 0.01603 | 54.23% |
| Mg 279.077 | 336.4 | 0.0137 | mg/L | 0.00986 | 0.0137 | mg/L | 0.00986 | 71.87% |
| Mn 257.610 | 555.9 | 0.0009 | mg/L | 0.00048 | 0.0009 | mg/L | 0.00048 | 52.50% |
| Ni 231.604 | 5.2 | 0.0003 | mg/L | 0.00010 | 0.0003 | mg/L | 0.00010 | 41.05% |
| Pb 220.353 | 117.6 | 0.0237 | mg/L | 0.00094 | 0.0237 | mg/L | 0.00094 | 3.96% |
| Se 196.026 | 2.8 | 0.0041 | mg/L | 0.00444 | 0.0041 | mg/L | 0.00444 | 109.47% |
| Tl 190.801 | -0.5 | -0.0003 | mg/L | 0.00506 | -0.0003 | mg/L | 0.00506 | >999.9% |
| V 292.402 | 29.3 | 0.0003 | mg/L | 0.00015 | 0.0003 | mg/L | 0.00015 | 50.36% |
| Zn 206.200 | 575.6 | 0.0231 | mg/L | 0.00167 | 0.0231 | mg/L | 0.00167 | 7.25% |
| Ti 334.940 | 59.2 | 0.0001 | mg/L | 0.00002 | 0.0001 | mg/L | 0.00002 | 28.24% |
| Ca 227.546 | -4.0 | -0.0171 | mg/L | 0.00085 | -0.0171 | mg/L | 0.00085 | 4.97% |

Sequence No.: 20

Autosampler Location: 44

Sample ID: F0981-01B,31385

Date Collected: 8/13/2007 7:33:08 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: F0981-01B,31385

| Analyte | Mean Corrected | | Calib | | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|--------|------|----------|---------|
| | Intensity | Conc. | Units | Conc. | Units | | | |
| Al 308.215 | 18268310.3 | 570.22 | mg/L | 5.681 | 570.22 | mg/L | 5.681 | 1.00% |
| As 188.979 | 544.9 | 0.7271 | mg/L | 0.01844 | 0.7271 | mg/L | 0.01844 | 2.54% |
| Cr 267.716 | 84182.6 | 1.7392 | mg/L | 0.02100 | 1.7392 | mg/L | 0.02100 | 1.21% |
| Cu 324.752 | 3277721.0 | 12.043 | mg/L | 0.0097 | 12.043 | mg/L | 0.0097 | 0.08% |
| Fe 273.955 | 41283929.5 | 1175.4 | mg/L | 6.94 | 1175.4 | mg/L | 6.94 | 0.59% |
| Mg 279.077 | 4318820.3 | 175.88 | mg/L | 0.029 | 175.88 | mg/L | 0.029 | 0.02% |
| Mn 257.610 | 14455138.9 | 23.532 | mg/L | 0.1963 | 23.532 | mg/L | 0.1963 | 0.83% |
| Ni 231.604 | 29598.9 | 1.4652 | mg/L | 0.02221 | 1.4652 | mg/L | 0.02221 | 1.52% |
| Pb 220.353 | 447919.3 | 90.366 | mg/L | 0.6067 | 90.366 | mg/L | 0.6067 | 0.67% |
| Se 196.026 | -231.7 | 0.0017 | mg/L | 0.02456 | 0.0017 | mg/L | 0.02456 | >999.9% |

| | | | | | | |
|------------|-----------|-------------|---------|-------------|---------|-------|
| Tl 190.801 | -109.5 | 0.2232 mg/L | 0.01156 | 0.2232 mg/L | 0.01156 | 5.18% |
| V 292.402 | 164081.1 | 1.7015 mg/L | 0.01664 | 1.7015 mg/L | 0.01664 | 0.98% |
| Zn 206.200 | 1341939.9 | 53.765 mg/L | 0.2392 | 53.765 mg/L | 0.2392 | 0.44% |
| Ti 334.940 | 3241121.6 | 3.8819 mg/L | 0.02431 | 3.8819 mg/L | 0.02431 | 0.63% |
| Ca 227.546 | 295790.2 | 1186.1 mg/L | 2.22 | 1186.1 mg/L | 2.22 | 0.19% |

Sequence No.: 21
 Sample ID: F0981-06B,31385
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 45
 Date Collected: 8/13/2007 7:35:54 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0981-06B,31385

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Al 308.215 | 24369310.9 | 760.66 mg/L | 3.016 | 760.66 mg/L | 3.016 | 0.40% |
| As 188.979 | 374.3 | 0.5092 mg/L | 0.03022 | 0.5092 mg/L | 0.03022 | 5.93% |
| Cr 267.716 | 56798.2 | 1.1880 mg/L | 0.01606 | 1.1880 mg/L | 0.01606 | 1.35% |
| Cu 324.752 | 975047.6 | 3.6057 mg/L | 0.01314 | 3.6057 mg/L | 0.01314 | 0.36% |
| Fe 273.955 | 44460407.7 | 1267.4 mg/L | 3.18 | 1267.4 mg/L | 3.18 | 0.25% |
| Mg 279.077 | 10909338.1 | 444.34 mg/L | 1.416 | 444.34 mg/L | 1.416 | 0.32% |
| Mn 257.610 | Saturated2 | | | | | |
| Ni 231.604 | 39702.8 | 1.9633 mg/L | 0.03240 | 1.9633 mg/L | 0.03240 | 1.65% |
| Pb 220.353 | 12332.9 | 2.5462 mg/L | 0.02666 | 2.5462 mg/L | 0.02666 | 1.05% |
| Se 196.026 | -245.3 | 0.0198 mg/L | 0.02822 | 0.0198 mg/L | 0.02822 | 142.14% |
| Tl 190.801 | -97.7 | 0.2202 mg/L | 0.00464 | 0.2202 mg/L | 0.00464 | 2.11% |
| V 292.402 | 101433.3 | 1.0605 mg/L | 0.01468 | 1.0605 mg/L | 0.01468 | 1.38% |
| Zn 206.200 | 151140.1 | 6.0482 mg/L | 0.06264 | 6.0482 mg/L | 0.06264 | 1.04% |
| Ti 334.940 | 1862886.4 | 2.2399 mg/L | 0.02055 | 2.2399 mg/L | 0.02055 | 0.92% |
| Ca 227.546 | 349952.7 | 1405.9 mg/L | 6.52 | 1405.9 mg/L | 6.52 | 0.46% |

Sequence No.: 22
 Sample ID: F0981-06BSD,31385
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 46
 Date Collected: 8/13/2007 7:38:36 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: F0981-06BSD,31385

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Al 308.215 | 6096323.7 | 190.29 mg/L | 0.518 | 190.29 mg/L | 0.518 | 0.27% |
| As 188.979 | 74.9 | 0.1001 mg/L | 0.01447 | 0.1001 mg/L | 0.01447 | 14.45% |
| Cr 267.716 | 14075.3 | 0.2790 mg/L | 0.00114 | 0.2790 mg/L | 0.00114 | 0.41% |
| Cu 324.752 | 206819.2 | 0.7631 mg/L | 0.00414 | 0.7631 mg/L | 0.00414 | 0.54% |
| Fe 273.955 | 16253781.7 | 462.00 mg/L | 0.656 | 462.00 mg/L | 0.656 | 0.14% |
| Mg 279.077 | 2930822.3 | 119.54 mg/L | 0.320 | 119.54 mg/L | 0.320 | 0.27% |
| Mn 257.610 | 11473668.9 | 18.678 mg/L | 0.0205 | 18.678 mg/L | 0.0205 | 0.11% |
| Ni 231.604 | 10511.9 | 0.5179 mg/L | 0.00179 | 0.5179 mg/L | 0.00179 | 0.35% |
| Pb 220.353 | 3396.1 | 0.6953 mg/L | 0.00095 | 0.6953 mg/L | 0.00095 | 0.14% |
| Se 196.026 | -42.8 | 0.0735 mg/L | 0.00566 | 0.0735 mg/L | 0.00566 | 7.70% |
| Tl 190.801 | -17.4 | 0.1225 mg/L | 0.00144 | 0.1225 mg/L | 0.00144 | 1.17% |
| V 292.402 | 24824.8 | 0.2636 mg/L | 0.00438 | 0.2636 mg/L | 0.00438 | 1.66% |
| Zn 206.200 | 42786.9 | 1.7143 mg/L | 0.01641 | 1.7143 mg/L | 0.01641 | 0.96% |
| Ti 334.940 | 443658.2 | 0.5331 mg/L | 0.00878 | 0.5331 mg/L | 0.00878 | 1.65% |
| Ca 227.546 | 75982.9 | 301.33 mg/L | 1.490 | 301.33 mg/L | 1.490 | 0.49% |

Sequence No.: 23
 Sample ID: ACIDBLK
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 2
 Date Collected: 8/13/2007 7:41:58 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: ACIDBLK

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|---------|--------------------------|-------------------|----------|--------------------|----------|-----|
|---------|--------------------------|-------------------|----------|--------------------|----------|-----|

JRW 8/13/07



| | | | | | | |
|------------|--------|--------------|---------|--------------|---------|---------|
| Al 308.215 | 546.9 | 0.0171 mg/L | 0.00549 | 0.0171 mg/L | 0.00549 | 32.15% |
| As 188.979 | -2.1 | -0.0026 mg/L | 0.00234 | -0.0026 mg/L | 0.00234 | 89.03% |
| Cr 267.716 | 5.4 | 0.0001 mg/L | 0.00008 | 0.0001 mg/L | 0.00008 | 69.53% |
| Cu 324.752 | 391.3 | 0.0014 mg/L | 0.00001 | 0.0014 mg/L | 0.00001 | 1.00% |
| Fe 273.955 | 2145.4 | 0.0609 mg/L | 0.01938 | 0.0609 mg/L | 0.01938 | 31.81% |
| Mg 279.077 | 261.9 | 0.0107 mg/L | 0.00447 | 0.0107 mg/L | 0.00447 | 41.83% |
| Mn 257.610 | 1299.3 | 0.0021 mg/L | 0.00060 | 0.0021 mg/L | 0.00060 | 28.45% |
| Ni 231.604 | 1.3 | 0.0001 mg/L | 0.00012 | 0.0001 mg/L | 0.00012 | 185.25% |
| Pb 220.353 | 168.2 | 0.0339 mg/L | 0.00036 | 0.0339 mg/L | 0.00036 | 1.05% |
| Se 196.026 | 1.3 | 0.0020 mg/L | 0.00323 | 0.0020 mg/L | 0.00323 | 162.43% |
| Tl 190.801 | -1.5 | -0.0011 mg/L | 0.00005 | -0.0011 mg/L | 0.00005 | 4.00% |
| V 292.402 | -1.1 | 0.0000 mg/L | 0.00009 | 0.0000 mg/L | 0.00009 | 893.89% |
| Zn 206.200 | 824.4 | 0.0330 mg/L | 0.00155 | 0.0330 mg/L | 0.00155 | 4.68% |
| Ti 334.940 | 232.6 | 0.0003 mg/L | 0.00010 | 0.0003 mg/L | 0.00010 | 36.25% |
| Ca 227.546 | 10.2 | 0.0404 mg/L | 0.00270 | 0.0404 mg/L | 0.00270 | 6.69% |

Sequence No.: 24
 Sample ID: ACIDBLK
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 2
 Date Collected: 8/13/2007 7:45:39 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Handwritten: JKW
 8/13/07

Mean Data: ACIDBLK

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Al 308.215 | 226.6 | 0.0071 mg/L | 0.00040 | 0.0071 mg/L | 0.00040 | 5.72% |
| As 188.979 | -1.8 | -0.0023 mg/L | 0.00085 | -0.0023 mg/L | 0.00085 | 36.86% |
| Cr 267.716 | -1.8 | 0.0000 mg/L | 0.00008 | 0.0000 mg/L | 0.00008 | 203.17% |
| Cu 324.752 | 343.3 | 0.0013 mg/L | 0.00000 | 0.0013 mg/L | 0.00000 | 0.04% |
| Fe 273.955 | 694.9 | 0.0197 mg/L | 0.00171 | 0.0197 mg/L | 0.00171 | 8.65% |
| Mg 279.077 | 52.4 | 0.0021 mg/L | 0.00042 | 0.0021 mg/L | 0.00042 | 19.55% |
| Mn 257.610 | 513.8 | 0.0008 mg/L | 0.00001 | 0.0008 mg/L | 0.00001 | 1.38% |
| Ni 231.604 | 5.7 | 0.0003 mg/L | 0.00003 | 0.0003 mg/L | 0.00003 | 9.46% |
| Pb 220.353 | 167.1 | 0.0337 mg/L | 0.00042 | 0.0337 mg/L | 0.00042 | 1.25% |
| Se 196.026 | 0.6 | 0.0008 mg/L | 0.00240 | 0.0008 mg/L | 0.00240 | 293.44% |
| Tl 190.801 | -4.6 | -0.0036 mg/L | 0.00176 | -0.0036 mg/L | 0.00176 | 49.43% |
| V 292.402 | -5.1 | -0.0001 mg/L | 0.00002 | -0.0001 mg/L | 0.00002 | 37.27% |
| Zn 206.200 | 669.4 | 0.0268 mg/L | 0.00083 | 0.0268 mg/L | 0.00083 | 3.11% |
| Ti 334.940 | 54.6 | 0.0001 mg/L | 0.00001 | 0.0001 mg/L | 0.00001 | 14.46% |
| Ca 227.546 | 0.8 | 0.0027 mg/L | 0.00441 | 0.0027 mg/L | 0.00441 | 163.28% |

Sequence No.: 25
 Sample ID: ACIDBLK
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 2
 Date Collected: 8/13/2007 7:49:19 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Mean Data: ACIDBLK

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|---------|
| Al 308.215 | 488.8 | 0.0153 mg/L | 0.00136 | 0.0153 mg/L | 0.00136 | 8.95% |
| As 188.979 | -0.2 | -0.0003 mg/L | 0.00166 | -0.0003 mg/L | 0.00166 | 651.86% |
| Cr 267.716 | 5.2 | 0.0001 mg/L | 0.00009 | 0.0001 mg/L | 0.00009 | 81.01% |
| Cu 324.752 | 354.4 | 0.0013 mg/L | 0.00006 | 0.0013 mg/L | 0.00006 | 4.95% |
| Fe 273.955 | 1428.2 | 0.0405 mg/L | 0.00057 | 0.0405 mg/L | 0.00057 | 1.40% |
| Mg 279.077 | 179.6 | 0.0073 mg/L | 0.00124 | 0.0073 mg/L | 0.00124 | 16.92% |
| Mn 257.610 | 824.1 | 0.0013 mg/L | 0.00000 | 0.0013 mg/L | 0.00000 | 0.03% |
| Ni 231.604 | 6.5 | 0.0003 mg/L | 0.00026 | 0.0003 mg/L | 0.00026 | 83.41% |
| Pb 220.353 | 168.4 | 0.0340 mg/L | 0.00085 | 0.0340 mg/L | 0.00085 | 2.49% |
| Se 196.026 | 1.8 | 0.0027 mg/L | 0.00189 | 0.0027 mg/L | 0.00189 | 69.37% |
| Tl 190.801 | -3.0 | -0.0023 mg/L | 0.00302 | -0.0023 mg/L | 0.00302 | 130.68% |
| V 292.402 | -0.9 | 0.0000 mg/L | 0.00010 | 0.0000 mg/L | 0.00010 | >999.9% |
| Zn 206.200 | 578.8 | 0.0232 mg/L | 0.00044 | 0.0232 mg/L | 0.00044 | 1.91% |
| Ti 334.940 | 93.6 | 0.0001 mg/L | 0.00001 | 0.0001 mg/L | 0.00001 | 9.48% |
| Ca 227.546 | 0.5 | 0.0011 mg/L | 0.03514 | 0.0011 mg/L | 0.03514 | >999.9% |

User canceled analysis.



=====
Analysis Begun

Start Time: 8/13/2007 7:58:11 AM

Plasma On Time: 8/13/2007 5:54:53 AM

Logged In Analyst: optima3

Technique: ICP Continuous

Spectrometer Model: Optima 4300 DV, S/N 077N3102302 Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0810D.sif

Batch ID:

Results Data Set: B07081301

Results Library: C:\pe\Administrator\Results\Results.mdb

=====
Sequence No.: 1

Autosampler Location: 7

Sample ID: CRI

Date Collected: 8/13/2007 7:58:12 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: CRI

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|--------------|---------|--------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 6273.3 | 0.1955 mg/L | 0.00212 | 0.1955 mg/L | 0.00212 | 1.08% | |
| As 188.979 | 7.8 | 0.0100 mg/L | 0.00226 | 0.0100 mg/L | 0.00226 | 22.71% | |
| Cr 267.716 | 474.0 | 0.0099 mg/L | 0.00002 | 0.0099 mg/L | 0.00002 | 0.22% | |
| Cu 324.752 | 6803.7 | 0.0251 mg/L | 0.00001 | 0.0251 mg/L | 0.00001 | 0.04% | |
| Fe 273.955 | 3747.7 | 0.1309 mg/L | 0.00060 | 0.1309 mg/L | 0.00060 | 0.46% | |
| Mg 279.077 | 127109.2 | 5.1840 mg/L | 0.02745 | 5.1840 mg/L | 0.02745 | 0.53% | |
| Mn 257.610 | 9883.9 | 0.0161 mg/L | 0.00010 | 0.0161 mg/L | 0.00010 | 0.64% | |
| Ni 231.604 | 864.2 | 0.0417 mg/L | 0.00011 | 0.0417 mg/L | 0.00011 | 0.27% | |
| Pb 220.353 | 147.0 | 0.0297 mg/L | 0.00101 | 0.0297 mg/L | 0.00101 | 3.41% | |
| Se 196.026 | 26.1 | 0.0380 mg/L | 0.00012 | 0.0380 mg/L | 0.00012 | 0.32% | |
| Tl 190.801 | 30.5 | 0.0236 mg/L | 0.00139 | 0.0236 mg/L | 0.00139 | 5.87% | |
| V 292.402 | 4962.3 | 0.0508 mg/L | 0.00030 | 0.0508 mg/L | 0.00030 | 0.59% | |
| Zn 206.200 | 1871.4 | 0.0751 mg/L | 0.00088 | 0.0751 mg/L | 0.00088 | 1.17% | |
| Ti 334.940 | -88.3 | -0.0001 mg/L | 0.00004 | -0.0001 mg/L | 0.00004 | 75.91% | |
| Ca 227.546 | 1143.6 | 4.6768 mg/L | 0.03435 | 4.6768 mg/L | 0.03435 | 0.73% | |

=====
Sequence No.: 2

Autosampler Location: 5

Sample ID: ICSA

Date Collected: 8/13/2007 8:01:15 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Mean Data: ICSA

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|--|----------------|--------------|---------|--------------|-------------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 14712304.1 | 459.23 mg/L | 0.497 | 459.23 mg/L | 0.497 | 0.11% | |
| As 188.979 | -11.8 | -0.0045 mg/L | 0.00313 | -0.0045 mg/L | 0.00313 | 69.67% | |
| Cr 267.716 | -142.6 | -0.0083 mg/L | 0.00009 | -0.0083 mg/L | 0.00009 | 1.13% | |
| Cu 324.752 | -5231.5 | -0.0060 mg/L | 0.00021 | -0.0060 mg/L | 0.00021 | 3.54% | |
| Fe 273.955 | 5828656.6 | 169.56 mg/L | 0.264 | 169.56 mg/L | 0.264 | 0.16% | |
| Mg 279.077 | 10967749.4 | 447.21 mg/L | 0.945 | 447.21 mg/L | 0.945 | 0.21% | |
| Mn 257.610 | 2105.3 | 0.0034 mg/L | 0.00054 | 0.0034 mg/L | 0.00054 | 15.70% | |
| Saturated outside survey window (code 6) | | | | | | | |
| Ni 231.604 | 34.0 | 0.0241 mg/L | 0.00001 | 0.0241 mg/L | 0.00001 | 0.06% | |
| Pb 220.353 | -91.3 | 0.0148 mg/L | 0.00159 | 0.0148 mg/L | 0.00159 | 10.76% | |
| Se 196.026 | -12.8 | 0.0187 mg/L | 0.00633 | 0.0187 mg/L | 0.00633 | 33.88% | |
| Tl 190.801 | -9.9 | 0.0100 mg/L | 0.00074 | 0.0100 mg/L | 0.00074 | 7.41% | |
| V 292.402 | -446.5 | -0.0018 mg/L | 0.00007 | -0.0018 mg/L | 0.00007 | 3.71% | |
| Zn 206.200 | 437.9 | 0.0123 mg/L | 0.00076 | 0.0123 mg/L | 0.00076 | 6.14% | |
| Ti 334.940 | -4895.6 | 0.0000 mg/L | 0.00005 | 0.0000 mg/L | 0.00005 | 103.50% | |
| Ca 227.546 | 120421.4 | 489.50 mg/L | 3.698 | 489.50 mg/L | 3.698 | 0.76% | |

=====
Sequence No.: 3

Autosampler Location: 6

Sample ID: ICSAB

Date Collected: 8/13/2007 8:04:29 AM

Analyst:
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|----------------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 15726475.7 | 490.89 | mg/L | 3.142 | 490.89 | mg/L | 3.142 0.64% |
| As 188.979 | 65.9 | 0.1009 | mg/L | 0.00690 | 0.1009 | mg/L | 0.00690 6.84% |
| Cr 267.716 | 22290.9 | 0.4587 | mg/L | 0.00178 | 0.4587 | mg/L | 0.00178 0.39% |
| Cu 324.752 | 136274.3 | 0.5140 | mg/L | 0.00247 | 0.5140 | mg/L | 0.00247 0.48% |
| Fe 273.955 | 6228816.9 | 181.23 | mg/L | 1.055 | 181.23 | mg/L | 1.055 0.58% |
| Mg 279.077 | 11712274.1 | 477.58 | mg/L | 3.030 | 477.58 | mg/L | 3.030 0.63% |
| Mn 257.610 | 302660.5 | 0.4927 | mg/L | 0.00251 | 0.4927 | mg/L | 0.00251 0.51% |
| Ni 231.604 | 18032.6 | 0.8924 | mg/L | 0.00326 | 0.8924 | mg/L | 0.00326 0.36% |
| Pb 220.353 | 139.5 | 0.0636 | mg/L | 0.00022 | 0.0636 | mg/L | 0.00022 0.34% |
| Se 196.026 | 11.9 | 0.0571 | mg/L | 0.00101 | 0.0571 | mg/L | 0.00101 1.78% |
| Tl 190.801 | 101.0 | 0.0971 | mg/L | 0.00019 | 0.0971 | mg/L | 0.00019 0.20% |
| V 292.402 | 46751.4 | 0.4821 | mg/L | 0.00168 | 0.4821 | mg/L | 0.00168 0.35% |
| Zn 206.200 | 23216.6 | 0.9270 | mg/L | 0.00608 | 0.9270 | mg/L | 0.00608 0.66% |
| Ti 334.940 | -5239.6 | 0.0001 | mg/L | 0.00001 | 0.0001 | mg/L | 0.00001 17.14% |
| Ca 227.546 | 130505.9 | 530.49 | mg/L | 3.013 | 530.49 | mg/L | 3.013 0.57% |

Sequence No.: 4
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/13/2007 8:07:39 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|---------------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 314649.0 | 9.8023 | mg/L | 0.02113 | 9.8023 | mg/L | 0.02113 0.22% |
| As 188.979 | 404.7 | 0.5233 | mg/L | 0.00263 | 0.5233 | mg/L | 0.00263 0.50% |
| Cr 267.716 | 47430.3 | 0.9877 | mg/L | 0.00418 | 0.9877 | mg/L | 0.00418 0.42% |
| Cu 324.752 | 340198.4 | 1.2482 | mg/L | 0.00970 | 1.2482 | mg/L | 0.00970 0.78% |
| Fe 273.955 | 179498.1 | 5.2509 | mg/L | 0.01327 | 5.2509 | mg/L | 0.01327 0.25% |
| Mg 279.077 | 628483.3 | 25.661 | mg/L | 0.0907 | 25.661 | mg/L | 0.0907 0.35% |
| Mn 257.610 | 1569417.7 | 2.5549 | mg/L | 0.01157 | 2.5549 | mg/L | 0.01157 0.45% |
| Ni 231.604 | 51690.3 | 2.4896 | mg/L | 0.01019 | 2.4896 | mg/L | 0.01019 0.41% |
| Pb 220.353 | 2590.6 | 0.5230 | mg/L | 0.00042 | 0.5230 | mg/L | 0.00042 0.08% |
| Se 196.026 | 344.0 | 0.5040 | mg/L | 0.00289 | 0.5040 | mg/L | 0.00289 0.57% |
| Tl 190.801 | 655.3 | 0.5089 | mg/L | 0.00422 | 0.5089 | mg/L | 0.00422 0.83% |
| V 292.402 | 240707.1 | 2.4643 | mg/L | 0.00193 | 2.4643 | mg/L | 0.00193 0.08% |
| Zn 206.200 | 64080.7 | 2.5727 | mg/L | 0.00332 | 2.5727 | mg/L | 0.00332 0.13% |
| Ti 334.940 | 502.9 | 0.0008 | mg/L | 0.00005 | 0.0008 | mg/L | 0.00005 6.54% |
| Ca 227.546 | 6088.5 | 24.658 | mg/L | 0.0945 | 24.658 | mg/L | 0.0945 0.38% |

Sequence No.: 5
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/13/2007 8:10:50 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|-----------------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 399.4 | 0.0125 | mg/L | 0.00306 | 0.0125 | mg/L | 0.00306 24.57% |
| As 188.979 | -1.0 | -0.0013 | mg/L | 0.00352 | -0.0013 | mg/L | 0.00352 275.50% |
| Cr 267.716 | 3.7 | 0.0001 | mg/L | 0.00000 | 0.0001 | mg/L | 0.00000 0.28% |
| Cu 324.752 | 103.4 | 0.0004 | mg/L | 0.00008 | 0.0004 | mg/L | 0.00008 20.75% |
| Fe 273.955 | 541.0 | 0.0154 | mg/L | 0.00357 | 0.0154 | mg/L | 0.00357 23.16% |
| Mg 279.077 | 352.7 | 0.0144 | mg/L | 0.00203 | 0.0144 | mg/L | 0.00203 14.11% |
| Mn 257.610 | 326.1 | 0.0005 | mg/L | 0.00006 | 0.0005 | mg/L | 0.00006 11.59% |
| Ni 231.604 | 4.9 | 0.0002 | mg/L | 0.00007 | 0.0002 | mg/L | 0.00007 29.86% |
| Pb 220.353 | 72.3 | 0.0146 | mg/L | 0.00033 | 0.0146 | mg/L | 0.00033 2.24% |

| | | | | | | |
|------------|-------|-------------|---------|-------------|---------|---------|
| Se 196.026 | 0.5 | 0.0007 mg/L | 0.00302 | 0.0007 mg/L | 0.00302 | 437.50% |
| Tl 190.801 | 1.1 | 0.0008 mg/L | 0.00205 | 0.0008 mg/L | 0.00205 | 243.04% |
| V 292.402 | 34.1 | 0.0003 mg/L | 0.00014 | 0.0003 mg/L | 0.00014 | 39.54% |
| Zn 206.200 | 181.6 | 0.0073 mg/L | 0.00008 | 0.0073 mg/L | 0.00008 | 1.09% |
| Ti 334.940 | 2.2 | 0.0000 mg/L | 0.00000 | 0.0000 mg/L | 0.00000 | 116.14% |
| Ca 227.546 | 2.2 | 0.0088 mg/L | 0.03767 | 0.0088 mg/L | 0.03767 | 427.31% |

Sequence No.: 6

Sample ID: F0936-04B,31385

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 47

Date Collected: 8/13/2007 8:14:31 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-04B,31385

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|---------|-------|----------|---------|-------|--------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 12940480.9 | 403.92 | mg/L | 3.161 | 403.92 | mg/L | 0.78% |
| As 188.979 | 454.0 | 0.6095 | mg/L | 0.02301 | 0.6095 | mg/L | 3.77% |
| Cr 267.716 | 108196.0 | 2.2419 | mg/L | 0.00841 | 2.2419 | mg/L | 0.38% |
| Cu 324.752 | 5615013.4 | 20.600 | mg/L | 0.1653 | 20.600 | mg/L | 0.80% |
| Fe 273.955 | 49033031.5 | 1392.1 | mg/L | 5.59 | 1392.1 | mg/L | 0.40% |
| Mg 279.077 | 2324410.2 | 94.480 | mg/L | 0.5659 | 94.480 | mg/L | 0.60% |
| Mn 257.610 | 16488129.5 | 26.841 | mg/L | 0.1599 | 26.841 | mg/L | 0.60% |
| Ni 231.604 | 50202.1 | 2.4431 | mg/L | 0.01049 | 2.4431 | mg/L | 0.43% |
| Pb 220.353 | 355809.7 | 71.773 | mg/L | 0.3228 | 71.773 | mg/L | 0.45% |
| Se 196.026 | -331.2 | -0.0382 | mg/L | 0.01781 | -0.0382 | mg/L | 46.65% |
| Tl 190.801 | -166.4 | 0.2540 | mg/L | 0.00005 | 0.2540 | mg/L | 0.02% |
| V 292.402 | 119316.5 | 1.2476 | mg/L | 0.00576 | 1.2476 | mg/L | 0.46% |
| Zn 206.200 | 1955962.3 | 78.372 | mg/L | 0.3647 | 78.372 | mg/L | 0.47% |
| Ti 334.940 | 2894586.8 | 3.4636 | mg/L | 0.01035 | 3.4636 | mg/L | 0.30% |
| Ca 227.546 | 199084.9 | 785.41 | mg/L | 4.468 | 785.41 | mg/L | 0.57% |

Sequence No.: 7

Sample ID: F0936-07B,31385

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 48

Date Collected: 8/13/2007 8:17:19 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-07B,31385

| Analyte | Mean Corrected | | Calib | | Sample | | RSD |
|------------|----------------|--------|-------|----------|--------|-------|-------|
| | Intensity | Conc. | Units | Std.Dev. | Conc. | Units | |
| Al 308.215 | 10537910.7 | 328.93 | mg/L | 2.079 | 328.93 | mg/L | 0.63% |
| As 188.979 | 610.4 | 0.7941 | mg/L | 0.00031 | 0.7941 | mg/L | 0.04% |
| Cr 267.716 | 46284.4 | 0.9578 | mg/L | 0.01373 | 0.9578 | mg/L | 1.43% |
| Cu 324.752 | 4544979.1 | 16.682 | mg/L | 0.1182 | 16.682 | mg/L | 0.71% |
| Fe 273.955 | 18528954.1 | 528.65 | mg/L | 3.549 | 528.65 | mg/L | 0.67% |
| Mg 279.077 | 2233155.8 | 90.940 | mg/L | 0.5097 | 90.940 | mg/L | 0.56% |
| Mn 257.610 | 5475527.9 | 8.9136 | mg/L | 0.06353 | 8.9136 | mg/L | 0.71% |
| Ni 231.604 | 15263.5 | 0.7558 | mg/L | 0.00350 | 0.7558 | mg/L | 0.46% |
| Pb 220.353 | 150832.9 | 30.436 | mg/L | 0.2503 | 30.436 | mg/L | 0.82% |
| Se 196.026 | -50.4 | 0.0742 | mg/L | 0.00445 | 0.0742 | mg/L | 5.99% |
| Tl 190.801 | -29.5 | 0.1068 | mg/L | 0.00193 | 0.1068 | mg/L | 1.80% |
| V 292.402 | 79679.1 | 0.8240 | mg/L | 0.01153 | 0.8240 | mg/L | 1.40% |
| Zn 206.200 | 610423.1 | 24.455 | mg/L | 0.1476 | 24.455 | mg/L | 0.60% |
| Ti 334.940 | 4062698.4 | 4.8565 | mg/L | 0.02736 | 4.8565 | mg/L | 0.56% |
| Ca 227.546 | 176506.6 | 711.40 | mg/L | 5.038 | 711.40 | mg/L | 0.71% |

Sequence No.: 8

Sample ID: F0936-08B,31385

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 49

Date Collected: 8/13/2007 8:20:37 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-08B,31385

Mean Corrected

Calib

Sample

| Analyte | Intensity | Conc. Units | Std.Dev. | Conc. Units | Std.Dev. | RSD |
|------------|------------|-------------|----------|-------------|----------|-------|
| Al 308.215 | 7428676.9 | 231.88 mg/L | 1.745 | 231.88 mg/L | 1.745 | 0.75% |
| As 188.979 | 438.3 | 0.5704 mg/L | 0.01130 | 0.5704 mg/L | 0.01130 | 1.98% |
| Cr 267.716 | 34239.1 | 0.7085 mg/L | 0.00200 | 0.7085 mg/L | 0.00200 | 0.28% |
| Cu 324.752 | 3101321.4 | 11.384 mg/L | 0.0874 | 11.384 mg/L | 0.0874 | 0.77% |
| Fe 273.955 | 14190507.2 | 404.68 mg/L | 2.813 | 404.68 mg/L | 2.813 | 0.70% |
| Mg 279.077 | 1752194.2 | 71.358 mg/L | 0.4964 | 71.358 mg/L | 0.4964 | 0.70% |
| Mn 257.610 | 4279862.6 | 6.9672 mg/L | 0.04622 | 6.9672 mg/L | 0.04622 | 0.66% |
| Ni 231.604 | 11433.3 | 0.5654 mg/L | 0.00242 | 0.5654 mg/L | 0.00242 | 0.43% |
| Pb 220.353 | 111110.6 | 22.420 mg/L | 0.1078 | 22.420 mg/L | 0.1078 | 0.48% |
| Se 196.026 | -38.5 | 0.0576 mg/L | 0.00182 | 0.0576 mg/L | 0.00182 | 3.17% |
| Tl 190.801 | -25.0 | 0.0815 mg/L | 0.00107 | 0.0815 mg/L | 0.00107 | 1.31% |
| V 292.402 | 57583.2 | 0.5960 mg/L | 0.00045 | 0.5960 mg/L | 0.00045 | 0.08% |
| Zn 206.200 | 438282.3 | 17.559 mg/L | 0.1269 | 17.559 mg/L | 0.1269 | 0.72% |
| Ti 334.940 | 3239653.7 | 3.8721 mg/L | 0.02702 | 3.8721 mg/L | 0.02702 | 0.70% |
| Ca 227.546 | 129260.0 | 520.61 mg/L | 3.541 | 520.61 mg/L | 3.541 | 0.68% |

Sequence No.: 9

Sample ID: F0936-15B,31385

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 50

Date Collected: 8/13/2007 8:24:12 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-15B,31385

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|-------|----------|-------------|----------|--------|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 240860.1 | 7.5181 mg/L | | 0.04694 | 7.5181 mg/L | 0.04694 | 0.62% |
| As 188.979 | 4.9 | 0.0078 mg/L | | 0.00197 | 0.0078 mg/L | 0.00197 | 25.32% |
| Cr 267.716 | 733.8 | 0.0139 mg/L | | 0.00003 | 0.0139 mg/L | 0.00003 | 0.20% |
| Cu 324.752 | 14960.2 | 0.0579 mg/L | | 0.00055 | 0.0579 mg/L | 0.00055 | 0.95% |
| Fe 273.955 | 1242453.0 | 35.665 mg/L | | 0.5233 | 35.665 mg/L | 0.5233 | 1.47% |
| Mg 279.077 | 781064.9 | 31.859 mg/L | | 0.4256 | 31.859 mg/L | 0.4256 | 1.34% |
| Mn 257.610 | 1120356.6 | 1.8238 mg/L | | 0.02719 | 1.8238 mg/L | 0.02719 | 1.49% |
| Ni 231.604 | 973.5 | 0.0498 mg/L | | 0.00022 | 0.0498 mg/L | 0.00022 | 0.44% |
| Pb 220.353 | 1760.1 | 0.3561 mg/L | | 0.00139 | 0.3561 mg/L | 0.00139 | 0.39% |
| Se 196.026 | 12.6 | 0.0216 mg/L | | 0.00329 | 0.0216 mg/L | 0.00329 | 15.21% |
| Tl 190.801 | -6.0 | 0.0073 mg/L | | 0.00172 | 0.0073 mg/L | 0.00172 | 23.70% |
| V 292.402 | 1879.9 | 0.0200 mg/L | | 0.00014 | 0.0200 mg/L | 0.00014 | 0.71% |
| Zn 206.200 | 7758.8 | 0.3111 mg/L | | 0.00277 | 0.3111 mg/L | 0.00277 | 0.89% |
| Ti 334.940 | 61799.5 | 0.0751 mg/L | | 0.00074 | 0.0751 mg/L | 0.00074 | 0.99% |
| Ca 227.546 | 27896.9 | 113.47 mg/L | | 1.218 | 113.47 mg/L | 1.218 | 1.07% |

Sequence No.: 10

Sample ID: F0936-17B,31385

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 51

Date Collected: 8/13/2007 8:27:22 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Mean Data: F0936-17B,31385

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | RSD |
|------------|----------------|-------------|-------|----------|-------------|----------|-------|
| | Intensity | Conc. Units | | | Conc. Units | Std.Dev. | |
| Al 308.215 | 8506309.5 | 265.51 mg/L | | 0.027 | 265.51 mg/L | 0.027 | 0.01% |
| As 188.979 | 99.7 | 0.1331 mg/L | | 0.00298 | 0.1331 mg/L | 0.00298 | 2.24% |
| Cr 267.716 | 20411.0 | 0.4099 mg/L | | 0.00039 | 0.4099 mg/L | 0.00039 | 0.09% |
| Cu 324.752 | 266599.2 | 0.9797 mg/L | | 0.00851 | 0.9797 mg/L | 0.00851 | 0.87% |
| Fe 273.955 | 17869474.4 | 507.76 mg/L | | 0.500 | 507.76 mg/L | 0.500 | 0.10% |
| Mg 279.077 | 2383346.7 | 97.196 mg/L | | 0.0032 | 97.196 mg/L | 0.0032 | 0.00% |
| Mn 257.610 | 11877711.2 | 19.336 mg/L | | 0.0148 | 19.336 mg/L | 0.0148 | 0.08% |
| Ni 231.604 | 12590.0 | 0.6177 mg/L | | 0.00408 | 0.6177 mg/L | 0.00408 | 0.66% |
| Pb 220.353 | 2474.3 | 0.5131 mg/L | | 0.00541 | 0.5131 mg/L | 0.00541 | 1.05% |
| Se 196.026 | -56.4 | 0.0774 mg/L | | 0.00765 | 0.0774 mg/L | 0.00765 | 9.89% |
| Tl 190.801 | -20.0 | 0.1275 mg/L | | 0.00339 | 0.1275 mg/L | 0.00339 | 2.66% |
| V 292.402 | 39311.0 | 0.4128 mg/L | | 0.00072 | 0.4128 mg/L | 0.00072 | 0.17% |
| Zn 206.200 | 52760.2 | 2.1130 mg/L | | 0.01253 | 2.1130 mg/L | 0.01253 | 0.59% |
| Ti 334.940 | 854105.2 | 1.0220 mg/L | | 0.00108 | 1.0220 mg/L | 0.00108 | 0.11% |
| Ca 227.546 | 58725.5 | 229.69 mg/L | | 1.504 | 229.69 mg/L | 1.504 | 0.65% |

Sequence No.: 11
Sample ID: ACIDBLK
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 8/13/2007 8:30:44 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ACIDBLK

| Analyte | Mean Corrected | | Calib | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------------|---------|--------------|-------------|---------|----------|-----|
| | Intensity | Conc. Units | | | Conc. Units | Units | | |
| Al 308.215 | 1888.9 | 0.0590 mg/L | 0.01115 | 0.0590 mg/L | 0.01115 | 18.92% | | |
| As 188.979 | -2.0 | -0.0025 mg/L | 0.00098 | -0.0025 mg/L | 0.00098 | 39.92% | | |
| Cr 267.716 | 10.4 | 0.0002 mg/L | 0.00009 | 0.0002 mg/L | 0.00009 | 41.01% | | |
| Cu 324.752 | 909.2 | 0.0033 mg/L | 0.00029 | 0.0033 mg/L | 0.00029 | 8.83% | | |
| Fe 273.955 | 5527.2 | 0.1569 mg/L | 0.03161 | 0.1569 mg/L | 0.03161 | 20.14% | | |
| Mg 279.077 | 644.3 | 0.0263 mg/L | 0.00582 | 0.0263 mg/L | 0.00582 | 22.15% | | |
| Mn 257.610 | 2963.1 | 0.0048 mg/L | 0.00100 | 0.0048 mg/L | 0.00100 | 20.67% | | |
| Ni 231.604 | -0.2 | 0.0000 mg/L | 0.00010 | 0.0000 mg/L | 0.00010 | >999.9% | | |
| Pb 220.353 | 173.7 | 0.0350 mg/L | 0.00105 | 0.0350 mg/L | 0.00105 | 3.01% | | |
| Se 196.026 | 2.5 | 0.0038 mg/L | 0.00126 | 0.0038 mg/L | 0.00126 | 33.54% | | |
| Tl 190.801 | -1.2 | -0.0009 mg/L | 0.00269 | -0.0009 mg/L | 0.00269 | 314.97% | | |
| V 292.402 | 25.4 | 0.0003 mg/L | 0.00011 | 0.0003 mg/L | 0.00011 | 41.10% | | |
| Zn 206.200 | 576.0 | 0.0231 mg/L | 0.00136 | 0.0231 mg/L | 0.00136 | 5.88% | | |
| Ti 334.940 | 555.3 | 0.0007 mg/L | 0.00018 | 0.0007 mg/L | 0.00018 | 27.46% | | |
| Ca 227.546 | 18.1 | 0.0709 mg/L | 0.04024 | 0.0709 mg/L | 0.04024 | 56.74% | | |

User canceled analysis.

JMS
8/13/07

=====
Analysis Begun

Start Time: 8/13/2007 8:36:34 AM Plasma On Time: 8/13/2007 5:54:53 AM
Logged In Analyst: optima3 Technique: ICP Continuous
Spectrometer Model: Optima 4300 DV, S/N 077N3102302 Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0810D.sif
Batch ID:
Results Data Set: B07081301
Results Library: C:\pe\Administrator\Results\Results.mdb

=====
Sequence No.: 1 Autosampler Location: 7
Sample ID: CRI Date Collected: 8/13/2007 8:36:34 AM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: CRI

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|------------|--------------------------|-------------------|----------|--------------------|----------|--------|
| Al 308.215 | 6425.0 | 0.2002 mg/L | 0.00953 | 0.2002 mg/L | 0.00953 | 4.76% |
| As 188.979 | 7.2 | 0.0092 mg/L | 0.00001 | 0.0092 mg/L | 0.00001 | 0.15% |
| Cr 267.716 | 463.6 | 0.0097 mg/L | 0.00025 | 0.0097 mg/L | 0.00025 | 2.56% |
| Cu 324.752 | 6789.9 | 0.0250 mg/L | 0.00007 | 0.0250 mg/L | 0.00007 | 0.27% |
| Fe 273.955 | 4852.9 | 0.1615 mg/L | 0.00946 | 0.1615 mg/L | 0.00946 | 5.86% |
| Mg 279.077 | 120935.1 | 4.9322 mg/L | 0.01199 | 4.9322 mg/L | 0.01199 | 0.24% |
| Mn 257.610 | 9815.7 | 0.0160 mg/L | 0.00024 | 0.0160 mg/L | 0.00024 | 1.48% |
| Ni 231.604 | 830.3 | 0.0401 mg/L | 0.00020 | 0.0401 mg/L | 0.00020 | 0.50% |
| Pb 220.353 | 150.9 | 0.0305 mg/L | 0.00103 | 0.0305 mg/L | 0.00103 | 3.37% |
| Se 196.026 | 25.7 | 0.0374 mg/L | 0.00239 | 0.0374 mg/L | 0.00239 | 6.39% |
| Tl 190.801 | 29.3 | 0.0227 mg/L | 0.00247 | 0.0227 mg/L | 0.00247 | 10.88% |
| V 292.402 | 4776.4 | 0.0489 mg/L | 0.00068 | 0.0489 mg/L | 0.00068 | 1.38% |
| Zn 206.200 | 1811.6 | 0.0727 mg/L | 0.00047 | 0.0727 mg/L | 0.00047 | 0.65% |
| Ti 334.940 | 81.0 | 0.0002 mg/L | 0.00014 | 0.0002 mg/L | 0.00014 | 93.98% |
| Ca 227.546 | 1117.1 | 4.5676 mg/L | 0.03399 | 4.5676 mg/L | 0.03399 | 0.74% |

=====
Sequence No.: 2 Autosampler Location: 5
Sample ID: ICSA Date Collected: 8/13/2007 8:39:40 AM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: ICSA

| Analyte | Mean Corrected Intensity | Calib Conc. Units | Std.Dev. | Sample Conc. Units | Std.Dev. | RSD |
|--|--------------------------|-------------------|----------|--------------------|----------|---------|
| Al 308.215 | 14567724.7 | 454.72 mg/L | 0.056 | 454.72 mg/L | 0.056 | 0.01% |
| As 188.979 | -14.9 | -0.0084 mg/L | 0.00178 | -0.0084 mg/L | 0.00178 | 21.21% |
| Cr 267.716 | -141.0 | -0.0082 mg/L | 0.00016 | -0.0082 mg/L | 0.00016 | 1.93% |
| Cu 324.752 | -5166.3 | -0.0058 mg/L | 0.00002 | -0.0058 mg/L | 0.00002 | 0.30% |
| Fe 273.955 | 5752807.4 | 167.38 mg/L | 0.145 | 167.38 mg/L | 0.145 | 0.09% |
| Mg 279.077 | 10814472.5 | 440.96 mg/L | 0.572 | 440.96 mg/L | 0.572 | 0.13% |
| Mn 257.610 | 1723.4 | 0.0028 mg/L | 0.00008 | 0.0028 mg/L | 0.00008 | 2.83% |
| Saturated outside survey window (code 6) | | | | | | |
| Ni 231.604 | 42.0 | 0.0243 mg/L | 0.00045 | 0.0243 mg/L | 0.00045 | 1.84% |
| Pb 220.353 | -88.3 | 0.0151 mg/L | 0.00165 | 0.0151 mg/L | 0.00165 | 10.89% |
| Se 196.026 | -12.7 | 0.0181 mg/L | 0.01299 | 0.0181 mg/L | 0.01299 | 71.92% |
| Tl 190.801 | -15.1 | 0.0056 mg/L | 0.00129 | 0.0056 mg/L | 0.00129 | 22.95% |
| V 292.402 | -459.2 | -0.0019 mg/L | 0.00003 | -0.0019 mg/L | 0.00003 | 1.65% |
| Zn 206.200 | 447.4 | 0.0127 mg/L | 0.00049 | 0.0127 mg/L | 0.00049 | 3.89% |
| Ti 334.940 | -4881.4 | 0.0001 mg/L | 0.00007 | 0.0001 mg/L | 0.00007 | 148.32% |
| Ca 227.546 | 120173.6 | 488.53 mg/L | 0.217 | 488.53 mg/L | 0.217 | 0.04% |

=====
Sequence No.: 3 Autosampler Location: 6
Sample ID: ICSA Date Collected: 8/13/2007 8:42:54 AM

Analyst:
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|----------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | | Units | | | |
| Al 308.215 | 15632751.7 | 487.96 | mg/L | 1.576 | 487.96 | mg/L | 1.576 | 0.32% | |
| As 188.979 | 66.4 | 0.1015 | mg/L | 0.00180 | 0.1015 | mg/L | 0.00180 | 1.77% | |
| Cr 267.716 | 22337.5 | 0.4597 | mg/L | 0.00173 | 0.4597 | mg/L | 0.00173 | 0.38% | |
| Cu 324.752 | 135948.6 | 0.5127 | mg/L | 0.00277 | 0.5127 | mg/L | 0.00277 | 0.54% | |
| Fe 273.955 | 6180720.9 | 179.84 | mg/L | 0.628 | 179.84 | mg/L | 0.628 | 0.35% | |
| Mg 279.077 | 11614442.8 | 473.59 | mg/L | 1.708 | 473.59 | mg/L | 1.708 | 0.36% | |
| Mn 257.610 | 300630.9 | 0.4894 | mg/L | 0.00275 | 0.4894 | mg/L | 0.00275 | 0.56% | |
| Ni 231.604 | 17989.4 | 0.8902 | mg/L | 0.00380 | 0.8902 | mg/L | 0.00380 | 0.43% | |
| Pb 220.353 | 152.9 | 0.0661 | mg/L | 0.00226 | 0.0661 | mg/L | 0.00226 | 3.42% | |
| Se 196.026 | 16.4 | 0.0632 | mg/L | 0.00105 | 0.0632 | mg/L | 0.00105 | 1.66% | |
| Tl 190.801 | 94.9 | 0.0922 | mg/L | 0.00251 | 0.0922 | mg/L | 0.00251 | 2.72% | |
| V 292.402 | 47009.8 | 0.4847 | mg/L | 0.00286 | 0.4847 | mg/L | 0.00286 | 0.59% | |
| Zn 206.200 | 23006.0 | 0.9186 | mg/L | 0.00599 | 0.9186 | mg/L | 0.00599 | 0.65% | |
| Ti 334.940 | -5137.5 | 0.0002 | mg/L | 0.00006 | 0.0002 | mg/L | 0.00006 | 39.24% | |
| Ca 227.546 | 129862.4 | 527.89 | mg/L | 3.205 | 527.89 | mg/L | 3.205 | 0.61% | |

Sequence No.: 4
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/13/2007 8:46:04 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|----------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | | Units | | | |
| Al 308.215 | 314949.8 | 9.8114 | mg/L | 0.04838 | 9.8114 | mg/L | 0.04838 | 0.49% | |
| As 188.979 | 404.2 | 0.5227 | mg/L | 0.00096 | 0.5227 | mg/L | 0.00096 | 0.18% | |
| Cr 267.716 | 47684.6 | 0.9931 | mg/L | 0.00451 | 0.9931 | mg/L | 0.00451 | 0.45% | |
| Cu 324.752 | 340761.3 | 1.2503 | mg/L | 0.00444 | 1.2503 | mg/L | 0.00444 | 0.36% | |
| Fe 273.955 | 179789.8 | 5.2593 | mg/L | 0.03267 | 5.2593 | mg/L | 0.03267 | 0.62% | |
| Mg 279.077 | 627095.2 | 25.605 | mg/L | 0.1341 | 25.605 | mg/L | 0.1341 | 0.52% | |
| Mn 257.610 | 1567765.1 | 2.5522 | mg/L | 0.01222 | 2.5522 | mg/L | 0.01222 | 0.48% | |
| Ni 231.604 | 51885.5 | 2.4990 | mg/L | 0.02331 | 2.4990 | mg/L | 0.02331 | 0.93% | |
| Pb 220.353 | 2605.5 | 0.5260 | mg/L | 0.00109 | 0.5260 | mg/L | 0.00109 | 0.21% | |
| Se 196.026 | 344.6 | 0.5050 | mg/L | 0.00492 | 0.5050 | mg/L | 0.00492 | 0.97% | |
| Tl 190.801 | 654.6 | 0.5083 | mg/L | 0.00126 | 0.5083 | mg/L | 0.00126 | 0.25% | |
| V 292.402 | 244116.1 | 2.4992 | mg/L | 0.01600 | 2.4992 | mg/L | 0.01600 | 0.64% | |
| Zn 206.200 | 64030.6 | 2.5707 | mg/L | 0.01567 | 2.5707 | mg/L | 0.01567 | 0.61% | |
| Ti 334.940 | 459.1 | 0.0007 | mg/L | 0.00002 | 0.0007 | mg/L | 0.00002 | 2.82% | |
| Ca 227.546 | 6095.1 | 24.684 | mg/L | 0.0898 | 24.684 | mg/L | 0.0898 | 0.36% | |

Sequence No.: 5
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/13/2007 8:49:15 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

| Analyte | Mean Corrected | | Calib | | Std.Dev. | Sample | | Std.Dev. | RSD |
|------------|----------------|--------|-------|---------|----------|--------|---------|----------|-----|
| | Intensity | Conc. | Units | Conc. | | Units | | | |
| Al 308.215 | 169.9 | 0.0053 | mg/L | 0.00136 | 0.0053 | mg/L | 0.00136 | 25.58% | |
| As 188.979 | 0.4 | 0.0005 | mg/L | 0.00035 | 0.0005 | mg/L | 0.00035 | 76.75% | |
| Cr 267.716 | 2.3 | 0.0000 | mg/L | 0.00010 | 0.0000 | mg/L | 0.00010 | 203.08% | |
| Cu 324.752 | 167.1 | 0.0006 | mg/L | 0.00000 | 0.0006 | mg/L | 0.00000 | 0.38% | |
| Fe 273.955 | 680.2 | 0.0195 | mg/L | 0.01338 | 0.0195 | mg/L | 0.01338 | 68.77% | |
| Mg 279.077 | 168.4 | 0.0069 | mg/L | 0.00212 | 0.0069 | mg/L | 0.00212 | 30.90% | |
| Mn 257.610 | 319.3 | 0.0005 | mg/L | 0.00027 | 0.0005 | mg/L | 0.00027 | 52.19% | |
| Ni 231.604 | 7.9 | 0.0004 | mg/L | 0.00017 | 0.0004 | mg/L | 0.00017 | 45.54% | |
| Pb 220.353 | 83.9 | 0.0169 | mg/L | 0.00091 | 0.0169 | mg/L | 0.00091 | 5.36% | |

| | | | | | | |
|------------|-------|---------------|---------|-------------|---------|---------|
| Se 196.026 | 1.6 | 0.0023 mg/L | 0.00269 | 0.0023 mg/L | 0.00269 | 115.95% |
| Tl 190.801 | 2.4 | 0.0018 mg/L | 0.00020 | 0.0018 mg/L | 0.00020 | 11.09% |
| V 292.402 | 21.7 | 0.0002 mg/L | 0.00014 | 0.0002 mg/L | 0.00014 | 62.20% |
| Zn 206.200 | 158.8 | 0.0064 mg/L ✓ | 0.00000 | 0.0064 mg/L | 0.00000 | 0.01% |
| Ti 334.940 | 20.8 | 0.0000 mg/L | 0.00003 | 0.0000 mg/L | 0.00003 | 131.04% |
| Ca 227.546 | 11.0 | 0.0446 mg/L | 0.02171 | 0.0446 mg/L | 0.02171 | 48.67% |

FIMS1-070727A

Method Name: Mercury-ILM
 Method Description: Mercury
 Element: Hg

NS 7/27/07

ILM S-S S-1

F0936

7/27/07

F0981

Date: 07/27/2007
 Technique: FI-MHS
 Calibration Type:
 Hg, Calc. Intercept : Linear
 Wavelength: 253.7 nm
 Sample Info Name: KAROLINA.SIF

Results Data Set Name: H0707271

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 07/27/2007
 Sample ID: S0

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | | | 0.0006 | 0.0027 | 0.0006 | 08:23:07 | Yes |
| 2 | | | 0.0008 | 0.0041 | 0.0008 | 08:23:39 | Yes |
| Mean: | | | 0.0007 | | | | |
| SD : | | | 0.0001 | | | | |
| %RSD: | | | 17.8354 | | | | |

Auto-zero performed.

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 07/27/2007
 Sample ID: S0.2

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | | | 0.0044 | 0.0216 | 0.0051 | 08:24:32 | Yes |
| 2 | | | 0.0044 | 0.0220 | 0.0051 | 08:25:04 | Yes |
| Mean: | | | 0.0044 | | | | |
| SD : | | | 0.0000 | | | | |
| %RSD: | | | 0.5471 | | | | |

[Hg] Standard number 1 applied. [0.20]
 Correlation Coefficient: 1.00000 Slope: 0.02197
 Intercept : 0.00000

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 07/27/2007
 Sample ID: S1.0

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | | | 0.0202 | 0.0870 | 0.0208 | 08:25:58 | Yes |
| 2 | | | 0.0201 | 0.0869 | 0.0208 | 08:26:30 | Yes |
| Mean: | | | 0.0201 | | | | |
| SD : | | | 0.0001 | | | | |
| %RSD: | | | 0.2909 | | | | |

[Hg] Standard number 2 applied. [1.00]
 Correlation Coefficient: 0.99982 Slope: 0.02000
 Intercept : 0.00017

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 07/27/2007
 Sample ID: S2.0

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | | | 0.0401 | 0.1691 | 0.0408 | 08:27:24 | Yes |
| 2 | | | 0.0401 | 0.1686 | 0.0408 | 08:27:56 | Yes |
| Mean: | | | 0.0401 | | | | |
| SD : | | | 0.0000 | | | | |
| %RSD: | | | | | | | |

[Hg] Standard number 3 applied. [2.00]

Correlation Coefficient: 0.99996
Intercept : 0.00019

Slope: 0.01996

=====
Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 07/27/2007
Sample ID: S5.0

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--|-----------------|---------------|-----------------|----------------|-------------|----------|-------------|
| 1 | | | 0.1001 | 0.4185 | 0.1008 | 08:28:50 | Yes |
| 2 | | | 0.1001 | 0.4205 | 0.1007 | 08:29:23 | Yes |
| Mean: | | | 0.1001 | | | | |
| SD : | | | 0.0001 | | | | |
| %RSD: | | | | | | | |
| [Hg] Standard number 4 applied. [5.00] | | | | | | | |
| Correlation Coefficient: 0.99999 | | | | Slope: 0.01998 | | | |
| Intercept : 0.00017 | | | | | | | |

=====
Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 07/27/2007
Sample ID: S10.0

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|---|-----------------|---------------|-----------------|----------------|-------------|----------|-------------|
| 1 | | | 0.1948 | 0.8196 | 0.1955 | 08:30:17 | Yes |
| 2 | | | 0.1940 | 0.8154 | 0.1947 | 08:30:49 | Yes |
| Mean: | | | 0.1944 | | | | |
| SD : | | | 0.0006 | | | | |
| %RSD: | | | 0.2997 | | | | |
| [Hg] Standard number 5 applied. [10.00] | | | | | | | |
| Correlation Coefficient: 0.99990 | | | | Slope: 0.01946 | | | |
| Intercept : 0.00082 | | | | | | | |

Calibration data for Hg

| Standard ID | Mean Signal (Pk Height) | Entered Concentration (µg/L) | Calculated Concentration (µg/L) | Standard Deviation | %RSD |
|----------------------------------|-------------------------|------------------------------|---------------------------------|--------------------|------|
| S0 | 0.0007 | -- | ---- | ---- | ---- |
| S0.2 | 0.0044 | 0.20 | 0.18 | 0.000 | 0.5 |
| S1.0 | 0.0201 | 1.00 | 0.99 | 0.000 | 0.3 |
| S2.0 | 0.0401 | 2.00 | 2.02 | 0.000 | ---- |
| S5.0 | 0.1001 | 5.00 | 5.10 | 0.000 | ---- |
| S10.0 | 0.1944 | 10.00 | 9.95 | 0.001 | 0.3 |
| Correlation Coefficient: 0.99990 | | Slope: | 0.01946 | Intercept: 0.0008 | |

=====
Element: Hg Seq. No.: 7 AS Loc.: 7 Date: 07/27/2007
Sample ID: ICV

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|-----------------------------------|-----------------|---------------|-----------------|-----------|-------------|----------|-------------|
| 1 | 2.10 | 2.10 | 0.0418 | 0.1766 | 0.0425 | 08:31:42 | Yes |
| 2 | 2.10 | 2.10 | 0.0417 | 0.1758 | 0.0424 | 08:32:14 | Yes |
| Mean: | 2.10 | 2.10 | 0.0418 | | | | |
| SD : | 0.002 | 0.002 | 0.0000 | | | | |
| %RSD: | | | | | | | |
| QC value within specified limits. | | | | | | | |

=====
Element: Hg Seq. No.: 8 AS Loc.: 1 Date: 07/27/2007
Sample ID: ICB

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|----------|-------------|
| 1 | -0.06 | -0.06 | -0.0003 | 0.0008 | 0.0004 | 08:33:09 | Yes |

2 -0.06 -0.06 -0.0003 0.0007 0.0004 08:33:41 Yes
 Mean: -0.06 -0.06 -0.0003
 SD : 0.000 0.000 0.0000
 %RSD: 0.1 0.1 0.4556
 QC value within specified limits.

=====
 Element: Hg Seq. No.: 9 AS Loc.: 17 Date: 07/27/2007
 Sample ID: CRA

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 0.18 | 0.18 | 0.0044 | 0.0214 | 0.0051 | 08:34:34 | Yes |
| 2 | 0.18 | 0.18 | 0.0043 | 0.0193 | 0.0050 | 08:35:06 | Yes |
| Mean: | 0.18 | 0.18 | 0.0043 | | | | |
| SD : | 0.003 | 0.003 | 0.0001 | | | | |
| %RSD: | 1.9 | 1.9 | 1.5217 | | | | |

=====
 Element: Hg Seq. No.: 10 AS Loc.: 18 Date: 07/27/2007
 Sample ID: CCV

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 5.23 | 5.23 | 0.1027 | 0.4261 | 0.1033 | 08:35:59 | Yes |
| 2 | 5.21 | 5.21 | 0.1023 | 0.4265 | 0.1029 | 08:36:31 | Yes |
| Mean: | 5.22 | 5.22 | 0.1025 | | | | |
| SD : | 0.015 | 0.015 | 0.0003 | | | | |
| %RSD: | 0.3 | 0.3 | 0.2788 | | | | |

=====
 Element: Hg Seq. No.: 11 AS Loc.: 19 Date: 07/27/2007
 Sample ID: CCB

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | -0.03 | -0.03 | 0.0002 | 0.0039 | 0.0009 | 08:37:23 | Yes |
| 2 | -0.03 | -0.03 | 0.0002 | 0.0040 | 0.0009 | 08:37:55 | Yes |
| Mean: | -0.03 | -0.03 | 0.0002 | | | | |
| SD : | 0.000 | 0.000 | 0.0000 | | | | |
| %RSD: | 0.7 | 0.7 | 1.9681 | | | | |

=====
 Element: Hg Seq. No.: 12 AS Loc.: 20 Date: 07/27/2007
 Sample ID: MB-31388

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | -0.05 | -0.05 | -0.0001 | 0.0020 | 0.0006 | 08:38:48 | Yes |
| 2 | -0.05 | -0.05 | -0.0001 | 0.0020 | 0.0006 | 08:39:20 | Yes |
| Mean: | -0.05 | -0.05 | -0.0001 | | | | |
| SD : | 0.001 | 0.001 | 0.0000 | | | | |
| %RSD: | 2.0 | 2.0 | 16.6913 | | | | |

=====
 Element: Hg Seq. No.: 13 AS Loc.: 21 Date: 07/27/2007
 Sample ID: LCS-31388

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 6.77 | 6.77 | 0.1327 | 0.5545 | 0.1333 | 08:40:13 | Yes |
| 2 | 6.79 | 6.79 | 0.1330 | 0.5551 | 0.1336 | 08:40:46 | Yes |
| Mean: | 6.78 | 6.78 | 0.1328 | | | | |
| SD : | 0.010 | 0.010 | 0.0002 | | | | |
| %RSD: | 0.2 | 0.2 | 0.1518 | | | | |

Element: Hg Seq. No.: 14 AS Loc.: 22 Date: 07/27/2007
 Sample ID: F0936-01B

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 2.08 | 2.08 | 0.0412 | 0.1714 | 0.0419 | 08:41:39 | Yes |
| 2 | 2.07 | 2.07 | 0.0411 | 0.1711 | 0.0417 | 08:42:10 | Yes |
| Mean: | 2.07 | 2.07 | 0.0412 | | | | |
| SD : | 0.006 | 0.006 | 0.0001 | | | | |
| %RSD: | 0.3 | 0.3 | 0.3009 | | | | |

Element: Hg Seq. No.: 15 AS Loc.: 23 Date: 07/27/2007
 Sample ID: F0936-02B

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 0.84 | 0.84 | 0.0172 | 0.0733 | 0.0178 | 08:43:03 | Yes |
| 2 | 0.83 | 0.83 | 0.0170 | 0.0730 | 0.0177 | 08:43:35 | Yes |
| Mean: | 0.84 | 0.84 | 0.0171 | | | | |
| SD : | 0.004 | 0.004 | 0.0001 | | | | |
| %RSD: | 0.5 | 0.5 | 0.4928 | | | | |

Element: Hg Seq. No.: 16 AS Loc.: 24 Date: 07/27/2007
 Sample ID: F0936-05B

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | -0.01 | -0.01 | 0.0006 | 0.0050 | 0.0013 | 08:44:28 | Yes |
| 2 | -0.01 | -0.01 | 0.0007 | 0.0052 | 0.0014 | 08:45:00 | Yes |
| Mean: | -0.01 | -0.01 | 0.0007 | | | | |
| SD : | 0.001 | 0.001 | 0.0000 | | | | |
| %RSD: | 16.4 | 16.4 | 3.8018 | | | | |

Element: Hg Seq. No.: 17 AS Loc.: 7 Date: 07/27/2007
 Sample ID: CCV

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 5.18 | 5.18 | 0.1016 | 0.4223 | 0.1022 | 08:45:53 | Yes |
| 2 | 5.18 | 5.18 | 0.1016 | 0.4230 | 0.1023 | 08:46:25 | Yes |
| Mean: | 5.18 | 5.18 | 0.1016 | | | | |
| SD : | 0.001 | 0.001 | 0.0000 | | | | |
| %RSD: | | | | | | | |

QC value within specified limits.

Element: Hg Seq. No.: 18 AS Loc.: 1 Date: 07/27/2007
 Sample ID: CCB

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | -0.05 | -0.05 | -0.0002 | 0.0018 | 0.0005 | 08:47:20 | Yes |
| 2 | -0.05 | -0.05 | -0.0002 | 0.0018 | 0.0005 | 08:47:52 | Yes |
| Mean: | -0.05 | -0.05 | -0.0002 | | | | |
| SD : | 0.000 | 0.000 | 0.0000 | | | | |
| %RSD: | 0.7 | 0.7 | 3.5577 | | | | |

QC value within specified limits.

Element: Hg Seq. No.: 19 AS Loc.: 25 Date: 07/27/2007
 Sample ID: F0936-06B

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|------|----------------|
|--------|--------------------|------------------|--------------------|--------------|----------------|------|----------------|

| | | | | | | | |
|-------|-------|-------|--------|--------|--------|----------|-----|
| 1 | -0.02 | -0.02 | 0.0005 | 0.0057 | 0.0012 | 08:48:47 | Yes |
| 2 | -0.02 | -0.02 | 0.0005 | 0.0054 | 0.0012 | 08:49:19 | Yes |
| Mean: | -0.02 | -0.02 | 0.0005 | | | | |
| SD : | 0.000 | 0.000 | 0.0000 | | | | |
| %RSD: | 2.7 | 2.7 | 1.7173 | | | | |

=====
 Element: Hg Seq. No.: 20 AS Loc.: 26 Date: 07/27/2007
 Sample ID: F0936-10B
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | -0.02 | -0.02 | 0.0004 | 0.0032 | 0.0010 | 08:50:12 | Yes |
| 2 | -0.02 | -0.02 | 0.0004 | 0.0041 | 0.0011 | 08:50:44 | Yes |
| Mean: | -0.02 | -0.02 | 0.0004 | | | | |
| SD : | 0.001 | 0.001 | 0.0000 | | | | |
| %RSD: | 6.4 | 6.4 | 7.5687 | | | | |

=====
 Element: Hg Seq. No.: 21 AS Loc.: 27 Date: 07/27/2007
 Sample ID: F0936-13B
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 0.07 | 0.07 | 0.0021 | 0.0112 | 0.0028 | 08:51:38 | Yes |
| 2 | 0.07 | 0.07 | 0.0023 | 0.0123 | 0.0029 | 08:52:09 | Yes |
| Mean: | 0.07 | 0.07 | 0.0022 | | | | |
| SD : | 0.004 | 0.004 | 0.0001 | | | | |
| %RSD: | 6.1 | 6.1 | 3.8301 | | | | |

=====
 Element: Hg Seq. No.: 22 AS Loc.: 28 Date: 07/27/2007
 Sample ID: F0936-14B
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | -0.03 | -0.03 | 0.0003 | 0.0041 | 0.0010 | 08:53:03 | Yes |
| 2 | -0.03 | -0.03 | 0.0003 | 0.0039 | 0.0010 | 08:53:35 | Yes |
| Mean: | -0.03 | -0.03 | 0.0003 | | | | |
| SD : | 0.001 | 0.001 | 0.0000 | | | | |
| %RSD: | 2.3 | 2.3 | 4.0680 | | | | |

=====
 Element: Hg Seq. No.: 23 AS Loc.: 29 Date: 07/27/2007
 Sample ID: F0936-14BDUP
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 0.01 | 0.01 | 0.0010 | 0.0062 | 0.0016 | 08:54:27 | Yes |
| 2 | 0.01 | 0.01 | 0.0010 | 0.0069 | 0.0017 | 08:54:59 | Yes |
| Mean: | 0.01 | 0.01 | 0.0010 | | | | |
| SD : | 0.001 | 0.001 | 0.0000 | | | | |
| %RSD: | 7.1 | 7.1 | 1.1462 | | | | |

=====
 Element: Hg Seq. No.: 24 AS Loc.: 30 Date: 07/27/2007
 Sample ID: F0936-14BMS
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 1.10 | 1.10 | 0.0223 | 0.0939 | 0.0229 | 08:55:51 | Yes |
| 2 | 1.10 | 1.10 | 0.0223 | 0.0937 | 0.0230 | 08:56:23 | Yes |
| Mean: | 1.10 | 1.10 | 0.0223 | | | | |
| SD : | 0.002 | 0.002 | 0.0000 | | | | |
| %RSD: | 0.1 | 0.1 | 0.1444 | | | | |

Element: Hg Seq. No.: 25 AS Loc.: 31 Date: 07/27/2007
 Sample ID: F0936-16B

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 0.04 | 0.04 | 0.0016 | 0.0089 | 0.0023 | 08:57:16 | Yes |
| 2 | 0.05 | 0.05 | 0.0017 | 0.0108 | 0.0024 | 08:57:48 | Yes |
| Mean: | 0.04 | 0.04 | 0.0017 | | | | |
| SD : | 0.004 | 0.004 | 0.0001 | | | | |
| %RSD: | 8.1 | 8.1 | 4.1760 | | | | |

Element: Hg Seq. No.: 26 AS Loc.: 32 Date: 07/27/2007
 Sample ID: CRA

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 0.19 | 0.19 | 0.0046 | 0.0229 | 0.0053 | 08:58:44 | Yes |
| 2 | 0.19 | 0.19 | 0.0045 | 0.0209 | 0.0052 | 08:59:16 | Yes |
| Mean: | 0.19 | 0.19 | 0.0046 | | | | |
| SD : | 0.002 | 0.002 | 0.0000 | | | | |
| %RSD: | 1.3 | 1.3 | 1.0563 | | | | |

Element: Hg Seq. No.: 27 AS Loc.: 7 Date: 07/27/2007
 Sample ID: CCV

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 5.23 | 5.23 | 0.1026 | 0.4275 | 0.1033 | 09:00:12 | Yes |
| 2 | 5.22 | 5.22 | 0.1024 | 0.4252 | 0.1031 | 09:00:44 | Yes |
| Mean: | 5.23 | 5.23 | 0.1025 | | | | |
| SD : | 0.005 | 0.005 | 0.0001 | | | | |
| %RSD: | | | | | | | |

QC value within specified limits.

Element: Hg Seq. No.: 28 AS Loc.: 1 Date: 07/27/2007
 Sample ID: CCB

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | -0.05 | -0.05 | -0.0002 | 0.0018 | 0.0005 | 09:01:39 | Yes |
| 2 | -0.05 | -0.05 | -0.0002 | 0.0021 | 0.0005 | 09:02:11 | Yes |
| Mean: | -0.05 | -0.05 | -0.0002 | | | | |
| SD : | 0.001 | 0.001 | 0.0000 | | | | |
| %RSD: | 1.4 | 1.4 | 7.8246 | | | | |

QC value within specified limits.

Element: Hg Seq. No.: 29 AS Loc.: 33 Date: 07/27/2007
 Sample ID: F0936-18B

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 0.49 | 0.49 | 0.0104 | 0.0446 | 0.0110 | 09:03:04 | Yes |
| 2 | 0.50 | 0.50 | 0.0106 | 0.0456 | 0.0112 | 09:03:37 | Yes |
| Mean: | 0.50 | 0.50 | 0.0105 | | | | |
| SD : | 0.007 | 0.007 | 0.0001 | | | | |
| %RSD: | 1.4 | 1.4 | 1.2811 | | | | |

Element: Hg Seq. No.: 30 AS Loc.: 34 Date: 07/27/2007
 Sample ID: F0936-20B

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|------|----------------|
|--------|--------------------|------------------|--------------------|--------------|----------------|------|----------------|

| | | | | | | | |
|-------|-------|-------|--------|--------|--------|----------|-----|
| 1 | 1.00 | 1.00 | 0.0203 | 0.0848 | 0.0209 | 09:04:30 | Yes |
| 2 | 1.00 | 1.00 | 0.0202 | 0.0835 | 0.0209 | 09:05:01 | Yes |
| Mean: | 1.00 | 1.00 | 0.0202 | | | | |
| SD : | 0.003 | 0.003 | 0.0001 | | | | |
| %RSD: | 0.3 | 0.3 | 0.2550 | | | | |

=====
 Element: Hg Seq. No.: 31 AS Loc.: 35 Date: 07/27/2007
 Sample ID: F0981-03B

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|-------------------|--------------|----------------|----------|----------------|
| 1 | 0.11 | 0.11 | 0.0029 | 0.0154 | 0.0036 | 09:05:55 | Yes |
| 2 | 0.11 | 0.11 | 0.0030 | 0.0153 | 0.0037 | 09:06:27 | Yes |
| Mean: | 0.11 | 0.11 | 0.0030 | | | | |
| SD : | 0.002 | 0.002 | 0.0000 | | | | |
| %RSD: | 1.5 | 1.5 | 1.0945 | | | | |

=====
 Element: Hg Seq. No.: 32 AS Loc.: 36 Date: 07/27/2007
 Sample ID: F0981-04B

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|-------------------|--------------|----------------|----------|----------------|
| 1 | 0.02 | 0.02 | 0.0013 | 0.0083 | 0.0020 | 09:07:20 | Yes |
| 2 | 0.02 | 0.02 | 0.0013 | 0.0074 | 0.0020 | 09:07:52 | Yes |
| Mean: | 0.02 | 0.02 | 0.0013 | | | | |
| SD : | 0.001 | 0.001 | 0.0000 | | | | |
| %RSD: | 2.2 | 2.2 | 0.8038 | | | | |

=====
 Element: Hg Seq. No.: 33 AS Loc.: 37 Date: 07/27/2007
 Sample ID: F0981-05B

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|-------------------|--------------|----------------|----------|----------------|
| 1 | 0.05 | 0.05 | 0.0018 | 0.0104 | 0.0025 | 09:08:45 | Yes |
| 2 | 0.05 | 0.05 | 0.0018 | 0.0099 | 0.0025 | 09:09:17 | Yes |
| Mean: | 0.05 | 0.05 | 0.0018 | | | | |
| SD : | 0.001 | 0.001 | 0.0000 | | | | |
| %RSD: | 1.0 | 1.0 | 0.5354 | | | | |

=====
 Element: Hg Seq. No.: 34 AS Loc.: 38 Date: 07/27/2007
 Sample ID: F0981-07B

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|-------------------|--------------|----------------|----------|----------------|
| 1 | 0.88 | 0.88 | 0.0180 | 0.0751 | 0.0187 | 09:10:10 | Yes |
| 2 | 0.88 | 0.88 | 0.0180 | 0.0758 | 0.0187 | 09:10:42 | Yes |
| Mean: | 0.88 | 0.88 | 0.0180 | | | | |
| SD : | 0.000 | 0.000 | 0.0000 | | | | |
| %RSD: | | | | | | | |

=====
 Element: Hg Seq. No.: 35 AS Loc.: 39 Date: 07/27/2007
 Sample ID: F0981-08B

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|-------------------|--------------|----------------|----------|----------------|
| 1 | 0.06 | 0.06 | 0.0020 | 0.0098 | 0.0027 | 09:11:35 | Yes |
| 2 | 0.06 | 0.06 | 0.0021 | 0.0108 | 0.0027 | 09:12:07 | Yes |
| Mean: | 0.06 | 0.06 | 0.0020 | | | | |
| SD : | 0.002 | 0.002 | 0.0000 | | | | |
| %RSD: | 3.8 | 3.8 | 2.2522 | | | | |

Element: Hg Seq. No.: 36 AS Loc.: 40 Date: 07/27/2007
 Sample ID: F0981-09B

| Repl # | SampleConc µg/L | StdConc µg/L | BlkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|-----------------|--------------|----------------|-----------|-------------|----------|-------------|
| 1 | 0.00 | 0.00 | 0.0009 | 0.0063 | 0.0016 | 09:12:59 | Yes |
| 2 | 0.00 | 0.00 | 0.0009 | 0.0056 | 0.0015 | 09:13:31 | Yes |
| Mean: | 0.00 | 0.00 | 0.0009 | | | | |
| SD : | 0.002 | 0.002 | 0.0000 | | | | |
| %RSD: | 42.6 | 42.6 | 3.5548 | | | | |

Element: Hg Seq. No.: 37 AS Loc.: 7 Date: 07/27/2007
 Sample ID: CCV

| Repl # | SampleConc µg/L | StdConc µg/L | BlkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|-----------------|--------------|----------------|-----------|-------------|----------|-------------|
| 1 | 5.25 | 5.25 | 0.1030 | 0.4267 | 0.1037 | 09:14:26 | Yes |
| 2 | 5.26 | 5.26 | 0.1032 | 0.4251 | 0.1039 | 09:14:58 | Yes |
| Mean: | 5.26 | 5.26 | 0.1031 | | | | |
| SD : | 0.008 | 0.008 | 0.0002 | | | | |
| %RSD: | 0.2 | 0.2 | 0.1566 | | | | |

QC value within specified limits.

Element: Hg Seq. No.: 38 AS Loc.: 1 Date: 07/27/2007
 Sample ID: CCB

| Repl # | SampleConc µg/L | StdConc µg/L | BlkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|-----------------|--------------|----------------|-----------|-------------|----------|-------------|
| 1 | -0.05 | -0.05 | -0.0002 | 0.0016 | 0.0005 | 09:15:53 | Yes |
| 2 | -0.05 | -0.05 | -0.0002 | 0.0015 | 0.0004 | 09:16:25 | Yes |
| Mean: | -0.05 | -0.05 | -0.0002 | | | | |
| SD : | 0.001 | 0.001 | 0.0000 | | | | |
| %RSD: | 1.6 | 1.6 | 7.7258 | | | | |

QC value within specified limits.

Element: Hg Seq. No.: 39 AS Loc.: 41 Date: 07/27/2007
 Sample ID: F0981-10B

| Repl # | SampleConc µg/L | StdConc µg/L | BlkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|-----------------|--------------|----------------|-----------|-------------|----------|-------------|
| 1 | 0.03 | 0.03 | 0.0015 | 0.0082 | 0.0021 | 09:17:20 | Yes |
| 2 | 0.03 | 0.03 | 0.0015 | 0.0089 | 0.0021 | 09:17:52 | Yes |
| Mean: | 0.03 | 0.03 | 0.0015 | | | | |
| SD : | 0.000 | 0.000 | 0.0000 | | | | |
| %RSD: | 0.7 | 0.7 | 0.3134 | | | | |

Element: Hg Seq. No.: 40 AS Loc.: 42 Date: 07/27/2007
 Sample ID: F0981-11B

| Repl # | SampleConc µg/L | StdConc µg/L | BlkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|-----------------|--------------|----------------|-----------|-------------|----------|-------------|
| 1 | 0.04 | 0.04 | 0.0016 | 0.0093 | 0.0023 | 09:18:44 | Yes |
| 2 | 0.05 | 0.05 | 0.0017 | 0.0109 | 0.0024 | 09:19:16 | Yes |
| Mean: | 0.04 | 0.04 | 0.0017 | | | | |
| SD : | 0.003 | 0.003 | 0.0001 | | | | |
| %RSD: | 6.5 | 6.5 | 3.3391 | | | | |

Element: Hg Seq. No.: 41 AS Loc.: 43 Date: 07/27/2007
 Sample ID: F0981-11BDUP

| Repl # | SampleConc µg/L | StdConc µg/L | BlkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|-----------------|--------------|----------------|-----------|-------------|------|-------------|
|--------|-----------------|--------------|----------------|-----------|-------------|------|-------------|

| | | | | | | | |
|-------|-------|-------|--------|--------|--------|----------|-----|
| 1 | 0.00 | 0.00 | 0.0008 | 0.0056 | 0.0014 | 09:20:09 | Yes |
| 2 | 0.00 | 0.00 | 0.0008 | 0.0056 | 0.0014 | 09:20:41 | Yes |
| Mean: | 0.00 | 0.00 | 0.0008 | | | | |
| SD : | 0.000 | 0.000 | 0.0000 | | | | |
| %RSD: | 13.1 | 13.1 | 0.8988 | | | | |

=====
 Element: Hg Seq. No.: 42 AS Loc.: 44 Date: 07/27/2007
 Sample ID: F0981-11BMS

| Repl # | SampleConc µg/L | StdConc µg/L | Blncorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|-----------------|-------------------|--------------|----------------|----------|----------------|
| 1 | 0.94 | 0.94 | 0.0190 | 0.0784 | 0.0197 | 09:21:34 | Yes |
| 2 | 0.94 | 0.94 | 0.0191 | 0.0785 | 0.0197 | 09:22:06 | Yes |
| Mean: | 0.94 | 0.94 | 0.0190 | | | | |
| SD : | 0.000 | 0.000 | 0.0000 | | | | |
| %RSD: | | | | | | | |

=====
 Element: Hg Seq. No.: 43 AS Loc.: 45 Date: 07/27/2007
 Sample ID: CRA

| Repl # | SampleConc µg/L | StdConc µg/L | Blncorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|-----------------|-------------------|--------------|----------------|----------|----------------|
| 1 | 0.19 | 0.19 | 0.0046 | 0.0215 | 0.0053 | 09:22:59 | Yes |
| 2 | 0.20 | 0.20 | 0.0046 | 0.0218 | 0.0053 | 09:23:31 | Yes |
| Mean: | 0.19 | 0.19 | 0.0046 | | | | |
| SD : | 0.000 | 0.000 | 0.0000 | | | | |
| %RSD: | 0.2 | 0.2 | 0.1882 | | | | |

=====
 Element: Hg Seq. No.: 44 AS Loc.: 7 Date: 07/27/2007
 Sample ID: CCV

| Repl # | SampleConc µg/L | StdConc µg/L | Blncorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|-----------------|-------------------|--------------|----------------|----------|----------------|
| 1 | 5.29 | 5.29 | 0.1037 | 0.4279 | 0.1044 | 09:24:24 | Yes |
| 2 | 5.25 | 5.25 | 0.1031 | 0.4246 | 0.1037 | 09:24:56 | Yes |
| Mean: | 5.27 | 5.27 | 0.1034 | | | | |
| SD : | 0.023 | 0.023 | 0.0004 | | | | |
| %RSD: | 0.4 | 0.4 | 0.4306 | | | | |

QC value within specified limits.

=====
 Element: Hg Seq. No.: 45 AS Loc.: 1 Date: 07/27/2007
 Sample ID: CCB

| Repl # | SampleConc µg/L | StdConc µg/L | Blncorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|-----------------|-------------------|--------------|----------------|----------|----------------|
| 1 | -0.05 | -0.05 | -0.0001 | 0.0015 | 0.0006 | 09:25:51 | Yes |
| 2 | -0.05 | -0.05 | -0.0002 | 0.0010 | 0.0005 | 09:26:24 | Yes |
| Mean: | -0.05 | -0.05 | -0.0001 | | | | |
| SD : | 0.002 | 0.002 | 0.0000 | | | | |
| %RSD: | 3.8 | 3.8 | 24.8836 | | | | |

QC value within specified limits.

2 -0.08 -0.08 -0.0002 0.0016 0.0004 11:05:53 Yes
 Mean: -0.08 -0.08 -0.0002
 SD : 0.002 0.002 0.0000
 %RSD: 3.0 3.0 17.5286
 QC value within specified limits.

=====
 Element: Hg Seq. No.: 9 AS Loc.: 17 Date: 07/27/2007
 Sample ID: CRA

| Repl # | Sample Conc µg/L | Stnd Conc µg/L | Blnk Corr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|---------------------|-------------------|---------------------|--------------|----------------|----------|----------------|
| 1 | 0.18 | 0.18 | 0.0040 | 0.0177 | 0.0046 | 11:06:46 | Yes |
| 2 | 0.18 | 0.18 | 0.0040 | 0.0183 | 0.0046 | 11:07:18 | Yes |
| Mean: | 0.18 | 0.18 | 0.0040 | | | | |
| SD : | 0.000 | 0.000 | 0.0000 | | | | |
| %RSD: | 0.1 | 0.1 | | | | | |

=====
 Element: Hg Seq. No.: 10 AS Loc.: 18 Date: 07/27/2007
 Sample ID: CCV

| Repl # | Sample Conc µg/L | Stnd Conc µg/L | Blnk Corr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|---------------------|-------------------|---------------------|--------------|----------------|----------|----------------|
| 1 | 5.13 | 5.13 | 0.0830 | 0.3353 | 0.0836 | 11:08:11 | Yes |
| 2 | 0.87 | 0.87 | 0.0150 | 0.0636 | 0.0156 | 11:08:43 | Yes |
| Mean: | 3.00 | 3.00 | 0.0490 | | | | |
| SD : | 3.012 | 3.012 | 0.0481 | | | | |
| %RSD: | 100.4 | 100.4 | 98.1477 | | | | |

=====
 Element: Hg Seq. No.: 11 AS Loc.: 19 Date: 07/27/2007
 Sample ID: CCB

| Repl # | Sample Conc µg/L | Stnd Conc µg/L | Blnk Corr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|---------------------|-------------------|---------------------|--------------|----------------|----------|----------------|
| 1 | -0.06 | -0.06 | 0.0002 | 0.0024 | 0.0008 | 11:09:36 | Yes |

Method Name: Mercury-ILM
 Method Description: Mercury
 Element: Hg

*NS 7/27/07 12m 5.3 Ag
 9/27/07*

Date: 07/27/2007
 Technique: FI-MHS
 Calibration Type:
 Hg, Calc. Intercept : Linear
 Wavelength: 253.7 nm
 Sample Info Name: KAROLINA.SIF

*F0936
 F0981*

FIMS1-070727B

Results Data Set Name: H0707273

=====
 Element: Hg Seq. No.: 12 AS Loc.: 1 Date: 07/27/2007
 Sample ID: S0

| Repl # | Sample Conc µg/L | Stnd Conc µg/L | Blnk Corr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|---------------------|-------------------|---------------------|--------------|----------------|----------|----------------|
| 1 | | | 0.0003 | 0.0007 | 0.0003 | 11:11:10 | Yes |
| 2 | | | 0.0004 | 0.0019 | 0.0004 | 11:11:42 | Yes |
| Mean: | | | 0.0004 | | | | |
| SD : | | | 0.0000 | | | | |
| %RSD: | | | 8.6015 | | | | |

Auto-zero performed.

=====
 Element: Hg Seq. No.: 13 AS Loc.: 2 Date: 07/27/2007
 Sample ID: S0.2

| Repl # | Sample Conc µg/L | Stnd Conc µg/L | Blnk Corr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|---------------------|-------------------|---------------------|--------------|----------------|------|----------------|
|--------|---------------------|-------------------|---------------------|--------------|----------------|------|----------------|

| # | µg/L | µg/L | Signal | Area | Height | Time | Stored |
|-------|------|------|--------|--------|--------|----------|--------|
| 1 | | | 0.0031 | 0.0140 | 0.0035 | 11:12:35 | Yes |
| 2 | | | 0.0031 | 0.0135 | 0.0035 | 11:13:07 | Yes |
| Mean: | | | 0.0031 | | | | |
| SD : | | | 0.0000 | | | | |
| %RSD: | | | 0.4609 | | | | |

[Hg] Standard number 1 applied. [0.20]
 Correlation Coefficient: 1.00000 Slope: 0.01559
 Intercept : 0.00000

=====
 Element: Hg Seq. No.: 14 AS Loc.: 3 Date: 07/27/2007
 Sample ID: S1.0

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|----------|-------------|
| 1 | | | 0.0176 | 0.0709 | 0.0180 | 11:14:01 | Yes |
| 2 | | | 0.0175 | 0.0715 | 0.0179 | 11:14:33 | Yes |
| Mean: | | | 0.0176 | | | | |
| SD : | | | 0.0001 | | | | |
| %RSD: | | | 0.3136 | | | | |

[Hg] Standard number 2 applied. [1.00]
 Correlation Coefficient: 0.99973 Slope: 0.01772
 Intercept : -0.00019

=====
 Element: Hg Seq. No.: 15 AS Loc.: 4 Date: 07/27/2007
 Sample ID: S2.0

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|----------|-------------|
| 1 | | | 0.0360 | 0.1455 | 0.0363 | 11:15:27 | Yes |
| 2 | | | 0.0361 | 0.1457 | 0.0365 | 11:16:00 | Yes |
| Mean: | | | 0.0360 | | | | |
| SD : | | | 0.0001 | | | | |
| %RSD: | | | 0.2934 | | | | |

[Hg] Standard number 3 applied. [2.00]
 Correlation Coefficient: 0.99988 Slope: 0.01810
 Intercept : -0.00030

=====
 Element: Hg Seq. No.: 16 AS Loc.: 5 Date: 07/27/2007
 Sample ID: S5.0

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|----------|-------------|
| 1 | | | 0.0835 | 0.3354 | 0.0838 | 11:16:54 | Yes |
| 2 | | | 0.0836 | 0.3351 | 0.0839 | 11:17:26 | Yes |
| Mean: | | | 0.0835 | | | | |
| SD : | | | 0.0000 | | | | |
| %RSD: | | | | | | | |

[Hg] Standard number 4 applied. [5.00]
 Correlation Coefficient: 0.99941 Slope: 0.01675
 Intercept : 0.00059

=====
 Element: Hg Seq. No.: 17 AS Loc.: 6 Date: 07/27/2007
 Sample ID: S10.0

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|----------|-------------|
| 1 | | | 0.1624 | 0.6536 | 0.1627 | 11:18:20 | Yes |
| 2 | | | 0.1623 | 0.6520 | 0.1627 | 11:18:52 | Yes |
| Mean: | | | 0.1623 | | | | |
| SD : | | | 0.0000 | | | | |
| %RSD: | | | | | | | |

[Hg] Standard number 5 applied. [10.00]

Correlation Coefficient: 0.99971
Intercept : 0.00125

Slope: 0.01621

Calibration data for Hg

| Standard ID | Mean Signal (Pk Height) | Entered Concentration (µg/L) | Calculated Concentration (µg/L) | Standard Deviation | %RSD |
|-------------|----------------------------|------------------------------------|---------------------------------------|-----------------------|------|
| S0 | 0.0004 | -- | ---- | ---- | ---- |
| S0.2 | 0.0031 | 0.20 | 0.12 | 0.000 | 0.5 |
| S1.0 | 0.0176 | 1.00 | 1.01 | 0.000 | 0.3 |
| S2.0 | 0.0360 | 2.00 | 2.15 | 0.000 | 0.3 |
| S5.0 | 0.0835 | 5.00 | 5.07 | 0.000 | ---- |
| S10.0 | 0.1623 | 10.00 | 9.93 | 0.000 | ---- |

Correlation Coefficient: 0.99971 Slope: 0.01621 Intercept: 0.0012

=====
Element: Hg Seq. No.: 18 AS Loc.: 7 Date: 07/27/2007
Sample ID: ICV

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 2.17 | 2.17 | 0.0364 | 0.1461 | 0.0368 | 11:19:45 | Yes |
| 2 | 2.17 | 2.17 | 0.0365 | 0.1468 | 0.0368 | 11:20:17 | Yes |
| Mean: | 2.17 | 2.17 | 0.0364 | | | | |
| SD : | 0.003 | 0.003 | 0.0000 | | | | |
| %RSD: | 0.1 | 0.1 | 0.1136 | | | | |

QC value within specified limits.

=====
Element: Hg Seq. No.: 19 AS Loc.: 1 Date: 07/27/2007
Sample ID: ICB

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | -0.07 | -0.07 | 0.0001 | 0.0017 | 0.0004 | 11:21:12 | Yes |
| 2 | -0.08 | -0.08 | 0.0000 | 0.0007 | 0.0004 | 11:21:44 | Yes |
| Mean: | -0.08 | -0.08 | 0.0000 | | | | |
| SD : | 0.003 | 0.003 | 0.0000 | | | | |
| %RSD: | 3.5 | 3.5 | 136.4026 | | | | |

QC value within specified limits.

=====
Element: Hg Seq. No.: 20 AS Loc.: 17 Date: 07/27/2007
Sample ID: CRA

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 0.17 | 0.17 | 0.0040 | 0.0168 | 0.0044 | 11:22:37 | Yes |
| 2 | 0.19 | 0.19 | 0.0044 | 0.0176 | 0.0047 | 11:23:09 | Yes |
| Mean: | 0.18 | 0.18 | 0.0042 | | | | |
| SD : | 0.017 | 0.017 | 0.0003 | | | | |
| %RSD: | 9.3 | 9.3 | 6.5141 | | | | |

=====
Element: Hg Seq. No.: 21 AS Loc.: 18 Date: 07/27/2007
Sample ID: CCV

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 5.09 | 5.09 | 0.0838 | 0.3368 | 0.0842 | 11:24:02 | Yes |
| 2 | 5.10 | 5.10 | 0.0839 | 0.3362 | 0.0843 | 11:24:34 | Yes |
| Mean: | 5.10 | 5.10 | 0.0839 | | | | |
| SD : | 0.005 | 0.005 | 0.0001 | | | | |
| %RSD: | | | | | | | |

=====
 Element: Hg Seq. No.: 22 AS Loc.: 19 Date: 07/27/2007
 Sample ID: CCB
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | -0.08 | -0.08 | -0.0001 | 0.0008 | 0.0003 | 11:25:27 | Yes |
| 2 | -0.09 | -0.09 | -0.0001 | 0.0007 | 0.0002 | 11:25:59 | Yes |
| Mean: | -0.08 | -0.08 | -0.0001 | | | | |
| SD : | 0.002 | 0.002 | 0.0000 | | | | |
| %RSD: | 2.0 | 2.0 | 23.6949 | | | | |

=====
 Element: Hg Seq. No.: 23 AS Loc.: 20 Date: 07/27/2007
 Sample ID: MB-31387
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | -0.08 | -0.08 | -0.0001 | 0.0008 | 0.0003 | 11:26:52 | Yes |
| 2 | -0.09 | -0.09 | -0.0001 | 0.0000 | 0.0002 | 11:27:24 | Yes |
| Mean: | -0.08 | -0.08 | -0.0001 | | | | |
| SD : | 0.001 | 0.001 | 0.0000 | | | | |
| %RSD: | 1.7 | 1.7 | 18.8664 | | | | |

=====
 Element: Hg Seq. No.: 24 AS Loc.: 21 Date: 07/27/2007
 Sample ID: F0936-04B *Sx*
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 4.07 | 4.07 | 0.0673 | 0.2645 | 0.0676 | 11:28:16 | Yes |
| 2 | 4.06 | 4.06 | 0.0671 | 0.2652 | 0.0674 | 11:28:49 | Yes |
| Mean: | 4.07 | 4.07 | 0.0672 | | | | |
| SD : | 0.009 | 0.009 | 0.0002 | | | | |
| %RSD: | 0.2 | 0.2 | 0.2278 | | | | |

=====
 Element: Hg Seq. No.: 25 AS Loc.: 22 Date: 07/27/2007
 Sample ID: F0936-07B
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 4.04 | 4.04 | 0.0668 | 0.2703 | 0.0672 | 11:29:41 | Yes |
| 2 | 4.03 | 4.03 | 0.0666 | 0.2678 | 0.0669 | 11:30:13 | Yes |
| Mean: | 4.04 | 4.04 | 0.0667 | | | | |
| SD : | 0.011 | 0.011 | 0.0002 | | | | |
| %RSD: | 0.3 | 0.3 | 0.2582 | | | | |

=====
 Element: Hg Seq. No.: 26 AS Loc.: 23 Date: 07/27/2007
 Sample ID: F0936-08B
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 2.70 | 2.70 | 0.0450 | 0.1821 | 0.0453 | 11:31:05 | Yes |
| 2 | 2.71 | 2.71 | 0.0453 | 0.1821 | 0.0456 | 11:31:37 | Yes |
| Mean: | 2.71 | 2.71 | 0.0451 | | | | |
| SD : | 0.012 | 0.012 | 0.0002 | | | | |
| %RSD: | 0.4 | 0.4 | 0.4305 | | | | |

=====
 Element: Hg Seq. No.: 27 AS Loc.: 24 Date: 07/27/2007
 Sample ID: F0936-12B *Sx*
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 4.54 | 4.54 | 0.0748 | 0.2959 | 0.0752 | 11:32:30 | Yes |

| | | | | | | | |
|-------|-------|-------|--------|--------|--------|----------|-----|
| 2 | 4.56 | 4.56 | 0.0751 | 0.2962 | 0.0755 | 11:33:02 | Yes |
| Mean: | 4.55 | 4.55 | 0.0750 | | | | |
| SD : | 0.013 | 0.013 | 0.0002 | | | | |
| %RSD: | 0.3 | 0.3 | 0.2767 | | | | |

=====
Element: Hg Seq. No.: 28 AS Loc.: 7 Date: 07/27/2007
Sample ID: CCV

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|-------------------|--------------|----------------|----------|----------------|
| 1 | 5.15 | 5.15 | 0.0847 | 0.3387 | 0.0851 | 11:33:56 | Yes |
| 2 | 5.15 | 5.15 | 0.0847 | 0.3384 | 0.0851 | 11:34:28 | Yes |
| Mean: | 5.15 | 5.15 | 0.0847 | | | | |
| SD : | 0.001 | 0.001 | 0.0000 | | | | |

%RSD:

QC value within specified limits.

=====
Element: Hg Seq. No.: 29 AS Loc.: 1 Date: 07/27/2007
Sample ID: CCB

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|-------------------|--------------|----------------|----------|----------------|
| 1 | -0.07 | -0.07 | 0.0001 | 0.0010 | 0.0004 | 11:35:23 | Yes |
| 2 | -0.07 | -0.07 | 0.0001 | 0.0014 | 0.0005 | 11:35:55 | Yes |
| Mean: | -0.07 | -0.07 | 0.0001 | | | | |
| SD : | 0.001 | 0.001 | 0.0000 | | | | |

%RSD:

QC value within specified limits.

=====
Element: Hg Seq. No.: 30 AS Loc.: 25 Date: 07/27/2007
Sample ID: F0936-12BDUP 5X

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|-------------------|--------------|----------------|----------|----------------|
| 1 | 4.64 | 4.64 | 0.0765 | 0.3024 | 0.0769 | 11:36:50 | Yes |
| 2 | 4.63 | 4.63 | 0.0763 | 0.3019 | 0.0766 | 11:37:22 | Yes |
| Mean: | 4.63 | 4.63 | 0.0764 | | | | |
| SD : | 0.010 | 0.010 | 0.0002 | | | | |
| %RSD: | 0.2 | 0.2 | 0.2016 | | | | |

=====
Element: Hg Seq. No.: 31 AS Loc.: 26 Date: 07/27/2007
Sample ID: F0936-12BMS 5X

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|-------------------|--------------|----------------|----------|----------------|
| 1 | 4.70 | 4.70 | 0.0775 | 0.3063 | 0.0779 | 11:38:15 | Yes |
| 2 | 4.70 | 4.70 | 0.0775 | 0.3056 | 0.0779 | 11:38:47 | Yes |
| Mean: | 4.70 | 4.70 | 0.0775 | | | | |
| SD : | 0.000 | 0.000 | 0.0000 | | | | |
| %RSD: | | | | | | | |

=====
Element: Hg Seq. No.: 32 AS Loc.: 27 Date: 07/27/2007
Sample ID: F0936-15B

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|------------------|-------------------|--------------|----------------|----------|----------------|
| 1 | 0.10 | 0.10 | 0.0029 | 0.0125 | 0.0032 | 11:39:41 | Yes |
| 2 | 0.10 | 0.10 | 0.0029 | 0.0129 | 0.0032 | 11:40:13 | Yes |
| Mean: | 0.10 | 0.10 | 0.0029 | | | | |
| SD : | 0.001 | 0.001 | 0.0000 | | | | |
| %RSD: | 0.7 | 0.7 | 0.4001 | | | | |

Element: Hg Seq. No.: 33 AS Loc.: 28 Date: 07/27/2007
 Sample ID: F0936-17B

| Repl # | SampleConc µg/L | StdConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|-----------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 1.84 | 1.84 | 0.0310 | 0.1256 | 0.0314 | 11:41:06 | Yes |
| 2 | 1.85 | 1.85 | 0.0313 | 0.1267 | 0.0316 | 11:41:38 | Yes |
| Mean: | 1.84 | 1.84 | 0.0311 | | | | |
| SD : | 0.011 | 0.011 | 0.0002 | | | | |
| %RSD: | 0.6 | 0.6 | 0.5566 | | | | |

Element: Hg Seq. No.: 34 AS Loc.: 29 Date: 07/27/2007
 Sample ID: F0981-01B *20x*

| Repl # | SampleConc µg/L | StdConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|-----------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 3.33 | 3.33 | 0.0553 | 0.2187 | 0.0556 | 11:42:31 | Yes |
| 2 | 3.33 | 3.33 | 0.0553 | 0.2171 | 0.0557 | 11:43:03 | Yes |
| Mean: | 3.33 | 3.33 | 0.0553 | | | | |
| SD : | 0.002 | 0.002 | 0.0000 | | | | |
| %RSD: | | | | | | | |

Element: Hg Seq. No.: 35 AS Loc.: 30 Date: 07/27/2007
 Sample ID: F0981-06B

| Repl # | SampleConc µg/L | StdConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|-----------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 3.22 | 3.22 | 0.0534 | 0.2170 | 0.0538 | 11:43:56 | Yes |
| 2 | 3.22 | 3.22 | 0.0535 | 0.2168 | 0.0539 | 11:44:28 | Yes |
| Mean: | 3.22 | 3.22 | 0.0535 | | | | |
| SD : | 0.005 | 0.005 | 0.0001 | | | | |
| %RSD: | 0.1 | 0.1 | 0.1441 | | | | |

Element: Hg Seq. No.: 36 AS Loc.: 31 Date: 07/27/2007
 Sample ID: CRA

| Repl # | SampleConc µg/L | StdConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|-----------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 0.16 | 0.16 | 0.0039 | 0.0174 | 0.0043 | 11:45:20 | Yes |
| 2 | 0.16 | 0.16 | 0.0038 | 0.0154 | 0.0042 | 11:45:52 | Yes |
| Mean: | 0.16 | 0.16 | 0.0039 | | | | |
| SD : | 0.004 | 0.004 | 0.0001 | | | | |
| %RSD: | 2.4 | 2.4 | 1.6301 | | | | |

Element: Hg Seq. No.: 37 AS Loc.: 7 Date: 07/27/2007
 Sample ID: CCV

| Repl # | SampleConc µg/L | StdConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|-----------------|--------------------|--------------|----------------|----------|----------------|
| 1 | 5.15 | 5.15 | 0.0848 | 0.3405 | 0.0852 | 11:46:45 | Yes |
| 2 | 5.17 | 5.17 | 0.0851 | 0.3391 | 0.0855 | 11:47:17 | Yes |
| Mean: | 5.16 | 5.16 | 0.0850 | | | | |
| SD : | 0.013 | 0.013 | 0.0002 | | | | |
| %RSD: | 0.2 | 0.2 | 0.2405 | | | | |

QC value within specified limits.

Element: Hg Seq. No.: 38 AS Loc.: 1 Date: 07/27/2007
 Sample ID: CCB

| Repl # | SampleConc µg/L | StdConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Time | Peak Stored |
|--------|--------------------|-----------------|--------------------|--------------|----------------|------|----------------|
|--------|--------------------|-----------------|--------------------|--------------|----------------|------|----------------|

| | | | | | | | |
|-------|-------|-------|---------|--------|--------|----------|-----|
| 1 | -0.07 | -0.07 | 0.0001 | 0.0008 | 0.0005 | 11:48:12 | Yes |
| 2 | -0.07 | -0.07 | 0.0002 | 0.0017 | 0.0005 | 11:48:44 | Yes |
| Mean: | -0.07 | -0.07 | 0.0001 | | | | |
| SD : | 0.003 | 0.003 | 0.0000 | | | | |
| %RSD: | 3.8 | 3.8 | 32.3548 | | | | |

QC value within specified limits.

ILMIS-5-CN-5
SW 7.3.3.2-5

LALHATI-010120A
LALHATI-070720B

7/25/07

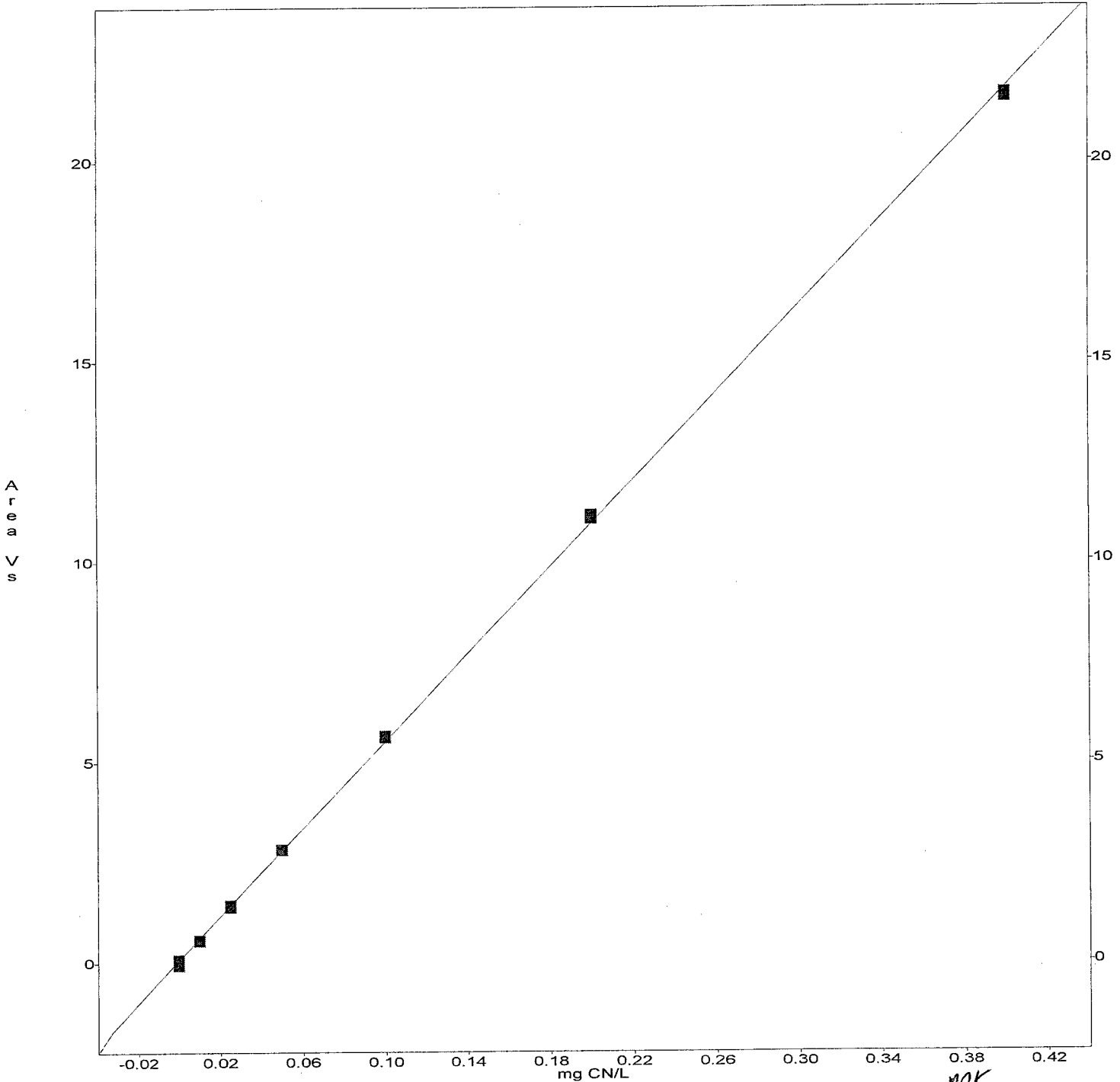
CN

F0936

| Lvl | Area | mg CN/L | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Replic STD | Replic % RSD | Residual 1st Poly |
|-----|----------|---------|----------|----------|-------|-------|-------|---------------|-----------------|----------------------|
| 1 | -57222 | 0.000 | -57222 | 79811 | | | | 96896.6 | 857.9 | |
| 2 | 552138 | 0.010 | 552138 | 563627 | | | | 8123.9 | 1.5 | 13.7 |
| 3 | 1439682 | 0.025 | 1439682 | 1394773 | | | | 31755.5 | 2.2 | 0.2 |
| 4 | 2824770 | 0.050 | 2824770 | 2817703 | | | | 4997.1 | 0.2 | -0.9 |
| 5 | 5646706 | 0.100 | 5646706 | 5610624 | | | | 25513.8 | 0.5 | -2.4 |
| 6 | 11155686 | 0.200 | 11155686 | 11067331 | | | | 62476.4 | 0.6 | -1.9 |
| 7 | 21679504 | 0.400 | 21679504 | 21576924 | | | | 72535.0 | 0.3 | 0.6 |

1st Order Poly
Conc = 1.840e-008 Area - 1.535e-003
r = 0.9999

Scaling: None - Weighting: None



MK
7/26/07

2041

OPERATOR: bveilleux
 ACQ. TIME: Jul 20, 2007 10:59:50
 DATA FILENAME: C:\OMNION\DATA\CN\JULY07~1.DAT\C070720A.FDT
 METHOD FILENAME: C:\OMNION\METHODS\CN\JULY07.MET\C070720A.MET
 TRAY FILENAME: C:\OMNION\TRAYS\CN\JULY07.TRA\C070720A.TRA

TRAY DESCRIPTION:

Created: Jul 20, 2007 10:35:07
 Modified: Jul 20, 2007 10:35:07
 ANALYSIS: CYANIDE
 ANALYST: BV

DATA DESCRIPTION:

Created: Jul 20, 2007 10:59:50
 Modified: Jul 20, 2007 10:59:50

Multi-Channel Table
 Type: Calibration Standards
 Channel Range: 1 to 8 -- Cup Range: 1 to 30

| Cup | Sample ID | Sampling Date | Sampling Time | # of Reps | CN (uv-s) | Man Dil Factor | Weight | Unit |
|-----|-----------|---------------|---------------|-----------|---------------|----------------|-----------|------|
| 1 | S0.0 | 20 Jul 2007 | 11:00:28 | 2 | 11294.5273 | 1.0 | 1.00000 g | |
| 2 | S0.01 | 20 Jul 2007 | 11:03:00 | 2 | 557882.2188 | 1.0 | 1.00000 g | |
| 3 | S0.025 | 20 Jul 2007 | 11:05:31 | 2 | 1417227.3750 | 1.0 | 1.00000 g | |
| 4 | S0.05 | 20 Jul 2007 | 11:08:02 | 2 | 2821236.2500 | 1.0 | 1.00000 g | |
| 5 | S0.10 | 20 Jul 2007 | 11:10:34 | 2 | 5628664.5000 | 1.0 | 1.00000 g | |
| 6 | S0.20 | 20 Jul 2007 | 11:13:05 | 2 | 11111508.5000 | 1.0 | 1.00000 g | |
| 7 | S0.40 | 20 Jul 2007 | 11:15:36 | 2 | 21628214.0000 | 1.0 | 1.00000 g | |

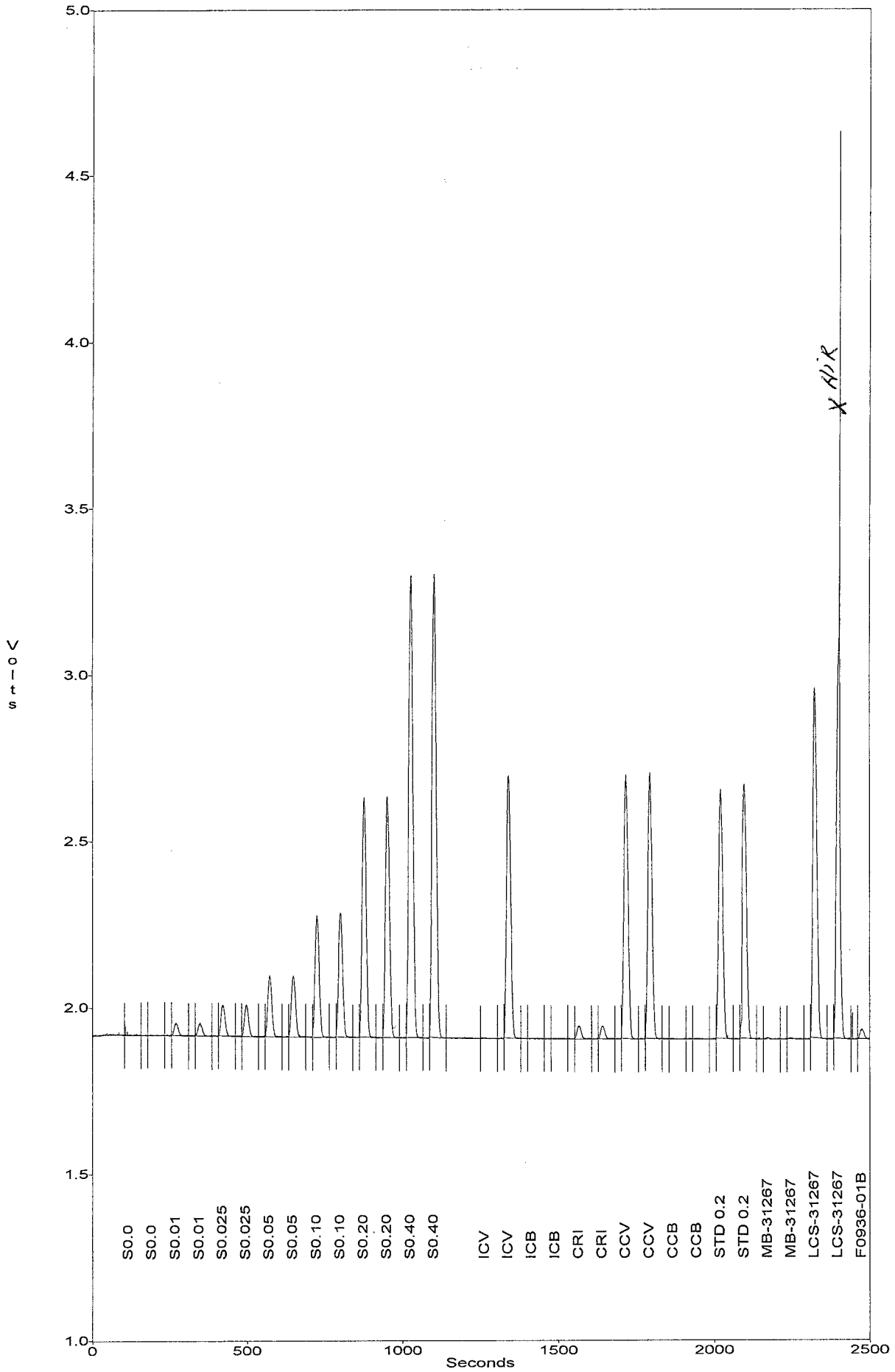
OPERATOR: bveilleux
 ACQ. TIME: Jul 20, 2007 10:59:50
 DATA FILENAME: C:\OMNION\DATA\CN\JULY07-1.DAT\C070720A.FDT
 METHOD FILENAME: C:\OMNION\METHODS\CN\JULY07.MET\C070720A.MET
 TRAY FILENAME: C:\OMNION\TRAYS\CN\JULY07.TRA\C070720A.TRA

TRAY DESCRIPTION:
 Created: Jul 20, 2007 10:35:07
 Modified: Jul 20, 2007 10:35:07
 ANALYSIS: CYANIDE
 ANALYST: BV
 DATA DESCRIPTION:
 Created: Jul 20, 2007 10:59:50
 Modified: Jul 20, 2007 10:59:50

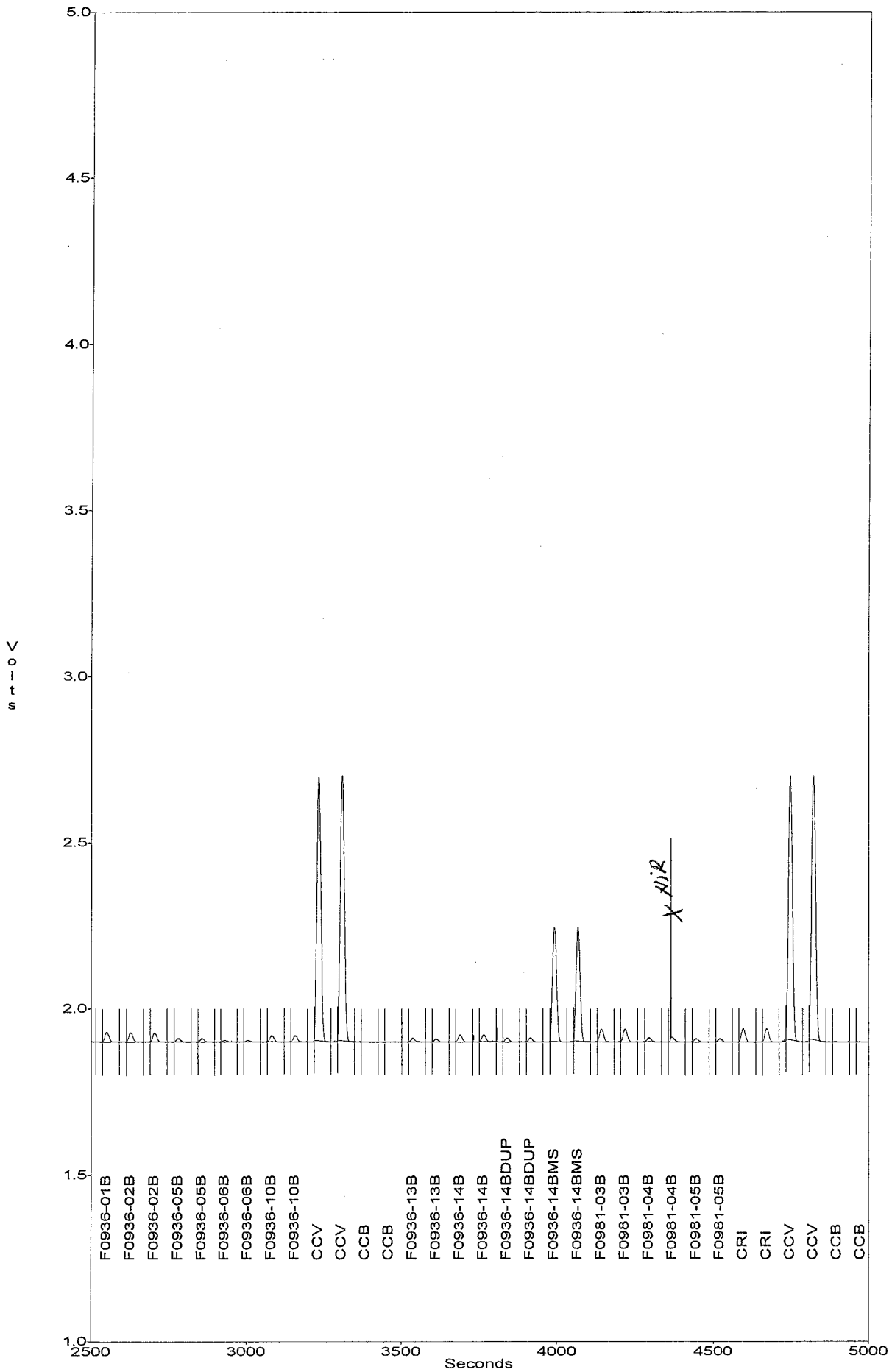
Multi-Channel Table
 Type: Unknowns
 Channel Range: 1 to 8 -- Cup Range: 1 to 30

| Cup | Sample ID | Sampling Date | Sampling Time | # of Reps | CN (mg CN/L) | Man Dil Factor | Weight | Unit |
|-----|--------------|---------------|---------------|-----------|--------------------------|----------------|-----------|-----------------------|
| 1 | ICV | 20 Jul 2007 | 11:19:34 | 2 | 0.1100 0.2213 | 1.0 | 1.00000 g | 89% incl rap taken |
| 2 | ICB | 20 Jul 2007 | 11:22:05 | 2 | -0.0023 | 1.0 | 1.00000 g | |
| 3 | CRI | 20 Jul 2007 | 11:24:37 | 2 | 0.0099 | 1.0 | 1.00000 g | 77% |
| 4 | CCV | 20 Jul 2007 | 11:27:08 | 2 | 0.2233 | 1.0 | 1.00000 g | 112% |
| 5 | CCB | 20 Jul 2007 | 11:29:40 | 2 | -0.0007 | 1.0 | 1.00000 g | |
| 6 | STD 0.2 | 20 Jul 2007 | 11:32:10 | 2 | 0.2080 | 1.0 | 1.00000 g | 104% |
| 7 | MB-31267 | 20 Jul 2007 | 11:34:43 | 2 | -0.0006 | 1.0 | 1.00000 g | |
| 8 | LCS-31267 | 20 Jul 2007 | 11:37:14 | 2 | 0.2925 | 10.0 | 1.00000 g | 146% |
| 9 | F0936-01B | 20 Jul 2007 | 11:39:45 | 2 | 0.0066 | 1.0 | 1.00000 g | |
| 10 | F0936-02B | 20 Jul 2007 | 11:42:17 | 2 | 0.0061 | 1.0 | 1.00000 g | |
| 11 | F0936-05B | 20 Jul 2007 | 11:44:49 | 2 | 0.0012 | 1.0 | 1.00000 g | |
| 12 | F0936-06B | 20 Jul 2007 | 11:47:20 | 2 | -0.0004 | 1.0 | 1.00000 g | |
| 13 | F0936-10B | 20 Jul 2007 | 11:49:52 | 2 | 0.0035 | 1.0 | 1.00000 g | |
| 14 | CCV | 20 Jul 2007 | 11:52:24 | 2 | 0.2213 | 1.0 | 1.00000 g | 111% |
| 15 | CCB | 20 Jul 2007 | 11:54:56 | 2 | -0.0012 | 1.0 | 1.00000 g | |
| 16 | F0936-13B | 20 Jul 2007 | 11:57:27 | 2 | 0.0009 | 1.0 | 1.00000 g | |
| 17 | F0936-14B | 20 Jul 2007 | 11:59:59 | 2 | 0.0042 | 1.0 | 1.00000 g | 3 RPD=0% |
| 18 | F0936-14BDUP | 20 Jul 2007 | 12:02:30 | 2 | 0.0017 | 1.0 | 1.00000 g | |
| 19 | F0936-14BMS | 20 Jul 2007 | 12:05:01 | 2 | 0.0932 | 1.0 | 1.00000 g | 93% |
| 20 | F0981-03B | 20 Jul 2007 | 12:07:33 | 2 | 0.0089 | 1.0 | 1.00000 g | |
| 21 | F0981-04B | 20 Jul 2007 | 12:10:05 | 2 | 0.0035 | 1.0 | 1.00000 g | |
| 22 | F0981-05B | 20 Jul 2007 | 12:12:36 | 2 | 0.0013 | 1.0 | 1.00000 g | |
| 23 | CRI | 20 Jul 2007 | 12:15:07 | 2 | 0.0092 | 1.0 | 1.00000 g | 92% |
| 24 | CCV | 20 Jul 2007 | 12:17:38 | 2 | 0.2186 | 1.0 | 1.00000 g | 107% |
| 25 | CCB | 20 Jul 2007 | 12:20:09 | 2 | -0.0019 | 1.0 | 1.00000 g | |
| 26 | MB-31268 | 20 Jul 2007 | 12:22:41 | 2 | -0.0013 | 1.0 | 1.00000 g | |
| 27 | LCS-31268 | 20 Jul 2007 | 12:25:12 | 2 | -0.0018 | 1.0 | 1.00000 g | |
| 28 | LCSD-31268 | 20 Jul 2007 | 12:27:43 | 2 | 0.0022 | 1.0 | 1.00000 g | |
| 29 | F0979-01B | 20 Jul 2007 | 12:30:15 | 2 | -0.0017 | 1.0 | 1.00000 g | |
| 30 | F0979-02B | 20 Jul 2007 | 12:32:47 | 2 | -0.0011 | 1.0 | 1.00000 g | |

Channel 1 - CN



Channel 1 - CN



Creator: bveilleux
Creation Date: Jul 20, 2007 10:35:07
Last Modified: Jul 20, 2007 10:35:07
Description: ANALYSIS: CYANIDE ANALYST: BV

| Cup # | Sample ID | Manual Dilution | Sample Type |
|-------|--------------|-----------------|-------------|
| 1 | S0.0 | 1.0000 | CalStd |
| 2 | S0.01 | 1.0000 | CalStd |
| 3 | S0.025 | 1.0000 | CalStd |
| 4 | S0.05 | 1.0000 | CalStd |
| 5 | S0.10 | 1.0000 | CalStd |
| 6 | S0.20 | 1.0000 | CalStd |
| 7 | S0.40 | 1.0000 | CalStd |
| 1 | ICV | 1.0000 | Unknown |
| 2 | ICB | 1.0000 | Unknown |
| 3 | CRI | 1.0000 | Unknown |
| 4 | CCV | 1.0000 | Unknown |
| 5 | CCB | 1.0000 | Unknown |
| 6 | STD 0.2 | 1.0000 | Unknown |
| 7 | MB-31267 | 1.0000 | Unknown |
| 8 | LCS-31267 | 10.0000 | Unknown |
| 9 | F0936-01B | 1.0000 | Unknown |
| 10 | F0936-02B | 1.0000 | Unknown |
| 11 | F0936-05B | 1.0000 | Unknown |
| 12 | F0936-06B | 1.0000 | Unknown |
| 13 | F0936-10B | 1.0000 | Unknown |
| 14 | CCV | 1.0000 | Unknown |
| 15 | CCB | 1.0000 | Unknown |
| 16 | F0936-13B | 1.0000 | Unknown |
| 17 | F0936-14B | 1.0000 | Unknown |
| 18 | F0936-14BDUP | 1.0000 | Unknown |
| 19 | F0936-14BMS | 1.0000 | Unknown |
| 20 | F0981-03B | 1.0000 | Unknown |
| 21 | F0981-04B | 1.0000 | Unknown |
| 22 | F0981-05B | 1.0000 | Unknown |
| 23 | CRI | 1.0000 | Unknown |
| 24 | CCV | 1.0000 | Unknown |
| 25 | CCB | 1.0000 | Unknown |
| 26 | MB-31268 | 1.0000 | Unknown |
| 27 | LCS-31268 | 1.0000 | Unknown |
| 28 | LCSD-31268 | 1.0000 | Unknown |
| 29 | F0979-01B | 1.0000 | Unknown |
| 30 | F0979-02B | 1.0000 | Unknown |
| 31 | IDL-1 | 1.0000 | Unknown |
| 32 | IDL-2 | 1.0000 | Unknown |
| 33 | IDL-3 | 1.0000 | Unknown |
| 34 | CCV | 1.0000 | Unknown |
| 35 | CCB | 1.0000 | Unknown |

MILKEM CORPORATION SAMPLE RUN LOG: LACHAT INSTRUMENT

Date: 7/20/07 Analyst: BU

Analyses: Channel 1: CK Channel 2:

| AS POS | | Lab ID | AS POS | Lab ID | AS POS | AS POS | Lab ID | AS POS | Lab ID |
|--------|-----------|--------------|--------|---------|--------|--------|--------|--------|--------|
| 1 | S0.0 | F0936-13B | 38 | IDL-6 | 52 | | | 72 | |
| 2 | S0.01 | F0936-14B | 39 | IDL-7 | 53 | | | 73 | |
| 3 | S0.025 | F0936-14BDUP | 40 | CCV | 54 | | | 74 | |
| 4 | S0.05 | F0936-14BMS | 41 | CCB | 55 | | | 75 | |
| 5 | S0.10 | F0981-03B | 42 | SOLVENT | 56 | | | 76 | |
| 6 | S0.20 | F0981-04B | 37 | | 57 | | | 77 | |
| 7 | S0.40 | F0981-05B | 38 | | 58 | | | 78 | |
| 1 | ICV | CRI | 39 | | 59 | | | 79 | |
| 2 | ICB | CCV | 40 | | 60 | | | 80 | |
| 3 | CRI | CCB | 41 | | 61 | | | 81 | |
| 4 | CCV | MB-31268 | 42 | | 62 | | | 82 | |
| 5 | CCB | LCS-31268 | 43 | | 63 | | | 83 | |
| 6 | STD 0.2 | LCSD-31268 | 44 | | 64 | | | 84 | |
| 7 | MB-31267 | F0979-01B | 45 | | 65 | | | 85 | |
| 8 | LCS-31267 | F0979-02B | 46 | | 66 | | | 86 | |
| 9 | F0936-01B | IDL-1 | 47 | | 67 | | | 87 | |
| 10 | F0936-02B | IDL-2 | 48 | | 68 | | | 88 | |
| 11 | F0936-05B | IDL-3 | 49 | | 69 | | | 89 | |
| 12 | F0936-06B | CCV | 50 | | 70 | | | 90 | |
| 13 | F0936-10B | CCB | 51 | | 71 | | | 91 | |
| 14 | CCV | IDL-4 | | | | | | | |
| 15 | CCB | IDL-5 | | | | | | | |

7/20/07
BU

Reagent Lots

Pyridine IR0706/1903
 NaOH IR0707/1402
 KH2PO4 IR0706/201
 Barbituric Acid IR0706/1903
 Chloramine-T IR07072003

Other

Curve: IR07072001
 CKA: IR07072003
 CCV: IR07072002

Curve on 7/20/07
 m = _____
 b = _____
 r = 0.9999

*Report all results in mg/L

DATA FILE NAME C0707202
 METHOD FILE NAME _____
 TRAY FILE NAME _____
 REPORT FILE NAME C0707202

Prep Logbooks

ICP

Mercury

Cyanide

Percent Solids

| ILM 5.3 | | MITKEM CORPORATION: Soil/Solid Metals Prep Logbook | | | | | | | | | | 986 | | |
|---------|-----------|--|----------------|---------------------|---------|-------------------------|---------------------------|--------------------------------------|--------------|--------------------|----------------------|-----------------|----------|---------|
| Date | Sample ID | Client ID | Sample Wt. (g) | Sample Color Before | Texture | 1:1 HNO ₃ ml | Conc. HNO ₃ ml | 30% H ₂ O ₂ ml | Conc. HCl ml | Sample Color After | Sample Clarity After | Final Volume ml | Comments | Analyst |
| 7/26/07 | MB-31386 | | 1.00 | — | — | 10 | 5 | 10 | 5 | colorless | clear | 100 | | JD |
| | LCS | | 1.00 | brown | fine | | | | | pale yellow | clear | 100 | | |
| | F0936 | 01B | 1.32 | brown | mixed | | | | | pale yellow | clear | 100 | | |
| | | 02B | 1.00 | brown | muddy | | | | | pale yellow | clear | 100 | | |
| | | 05B | 1.02 | tan | mixed | | | | | pale yellow | clear | 100 | | |
| | | 06B | 1.10 | brown | mixed | | | | | pale yellow | clear | 100 | | |
| | | 10B | 1.04 | grey | muddy | | | | | pale yellow | clear | 100 | | |
| | | 13B | 1.03 | grey | mixed | | | | | pale yellow | clear | 100 | | |
| | | 14B | 1.08 | grey | muddy | | | | | pale yellow | clear | 100 | | |
| | | 14B01 | 1.08 | grey | muddy | | | | | pale yellow | clear | 100 | | |
| | | 14B05 | 1.08 | grey | muddy | | | | | pale yellow | clear | 100 | | |
| | | 16B | 1.33 | tan | muddy | | | | | pale yellow | clear | 100 | | |
| | | 18B | 1.11 | brown | mixed | | | | | pale yellow | clear | 100 | | |
| | F0936 | 20B | 1.19 | grey | mixed | | | | | pale yellow | clear | 100 | | |
| | F0981 | 03B | 1.45 | brown | mixed | | | | | pale yellow | clear | 100 | | |
| | F0981 | 04B | 1.58 | brown | mixed | | | | | pale yellow | clear | 100 | | |
| 7/26/07 | F0981 | 05B | 1.26 | brown | mixed | 10 | 5 | 10 | 5 | pale yellow | clear | 100 | | JD |

HCl Lot# 4106110
 HNO3 Lot# 1106070
 H2O2 Lot# 062283
 Method: ILM 5.3
 SOP#: 100.0101
 Digestion Temp: 95 °C
 LCS/Spike Lot No.: I070410A / I0705 (OA) / I070122I / I070122J } 200w
 Relinquished To: DMW 7/26/07
 Reviewed By: _____
 Logbook ID 100.0124-07107

| Date | Sample ID | Client ID | Sample Vol (ml) | pH | Sample Color Before | Clarity Before | Conc. HNO ₃ (ml) | Conc. HCl (ml) | 1:1 HCl (ml) | Sample Color After | Sample Clarity After | Final Volume (ml) | Comments | Analyst |
|---------|-----------|-----------|-----------------|----|---------------------|----------------|-----------------------------|----------------|--------------|--------------------|----------------------|-------------------|----------|---------|
| 7/26/07 | MB-31385 | | 50 | - | colorless | clear | 0.5 | 2.5 | - | colorless | clear | 50 | | JD |
| | LCS | | 50 | - | colorless | clear | | | | colorless | clear | 50 | | |
| | F0936 | 048 | 50 | <2 | grey | cloudy | | | | brown | cloudy | 50 | | |
| | | 078 | 50 | <2 | brown | cloudy | | | | brown | cloudy | 50 | | |
| | | 088 | 50 | <2 | brown | cloudy | | | | brown | cloudy | 50 | | |
| | | 128 | 50 | <2 | grey | cloudy | | | | grey | cloudy | 50 | | |
| | | 128 DU | 50 | <2 | grey | cloudy | | | | grey | cloudy | 50 | | |
| | | 128 MS | 50 | <2 | grey | cloudy | | | | grey | cloudy | 50 | | |
| | | 158 | 50 | <2 | brown | cloudy | | | | colorless | clear | 50 | | |
| | F0936 | 178 | 50 | <2 | yellow | cloudy | | | | grey | cloudy | 50 | | |
| | F0981 | 018 | 50 | <2 | grey | cloudy | | | | grey | cloudy | 50 | | |
| 7/26/07 | F0981 | 068 | 50 | <2 | brown | cloudy | 0.5 | 2.5 | - | grey | cloudy | 50 | | JD |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

HCl Lot# 4106110 Method: 14M 5.3 Digestion Temp: 95 °C
 HNO3 Lot# 1106070

LCSS/Spike ID: I070328C-450uL / I070501A } 50uL
 I060925E } 45uL / I070122I }
 I060925F } / I070122J }

Digestate Relinquished to: JDW 7/26/07
 REVIEWED BY: _____

| Date | Bottle No. | Sample ID | Client ID | Reagents Added | | | | Aqua-regia (ml) | Final Volume (ml) | Comments | Analyst |
|---------|------------|-----------|-----------|-------------------------|---|-----------------------------|---------------------------|-----------------|-------------------|-----------|---------|
| | | | | Sample Vol (ml)/ Wt (g) | Conc. H ₂ SO ₄ (ml) | Conc. HNO ₃ (ml) | 5% KMnO ₄ (ml) | | | | |
| 7/26/07 | 319* | S0.0 | | 100 | 5 | 2.5 | 15 | 8 | 100 | | JD |
| | 317* | S0.2 | | 0.04/100 | | | | | 100 | II070713A | |
| | 14F2 | S1.0 | | 0.0/100 | | | | | 100 | | |
| | 335A | S2.0 | | 0.4/100 | | | | | 100 | | |
| | 313R | S5.0 | | 1.0/100 | | | | | 100 | | |
| | 322* | S10.0 | | 2.0/100 | | | | | 100 | II070713A | |
| | 328 | 1CV | | 1.0/100 | | | | | 100 | II070702A | |
| | 327* | MB-31388 | | 0.2 | | | | | 100 | | |
| | 320* | LCS | | 0.2 | | | | | 100 | | |
| | 132N | F0936 | 01B | 0.21 | | | | | 100 | | |
| | 92XY | | 02B | 0.21 | | | | | 100 | | |
| | 335* | | 05B | 0.21 | | | | | 100 | | |
| | 327 | | 06B | 0.21 | | | | | 100 | | |
| | 252 | | 10B | 0.25 | | | | | 100 | | |
| | 323A | | 13B | 0.24 | | | | | 100 | | |
| 7/26/07 | 257 | F0936 | 14B | 0.23 | 5 | 2.5 | 15 | 8 | 100 | | JD |

Temp: 95 °C

H₂SO₄ Lot # 3106120

HNO₃ Lot # 1106070

HCl Lot #

KMnO₄ ID # IK070702403

K₂S₂O₈ ID # IR07071105

Method # 12M 5.3

LCSS ID I070410 A

LCSS volume: -

Spike ID ~~II0707028~~

Spike volume: ~~100~~ JD 7/26/07

Reviewed by: II070713A 200wb

Soils

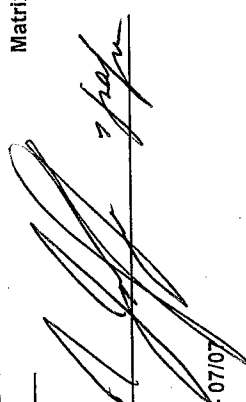
Waters

In: 12:50 Out: 12:52

In: 13:00 Out: 13:30

Matrix: Aqueous

Matrix: Soil/Solid

RELINQUISHED TO: 

Logbook ID: 100.0128-07107

LM 5.3

MITKEM CORPORATION: Mercury Digestion Logbook

936

| Date | Bottle No. | Sample ID | Client ID | Sample Vol (ml)/ Wt (g) | Reagents Added | | | | Final Volume (ml) | Comments | Analyst | |
|---------|------------|-----------|-----------|-------------------------|---|-----------------------------|---------------------------|--|-------------------|----------|--------------|-----------------|
| | | | | | Conc. H ₂ SO ₄ (ml) | Conc. HNO ₃ (ml) | 5% KMnO ₄ (ml) | 5% K ₂ SO ₄ (ml) | | | | Aqua-regia (ml) |
| 7/26/07 | 257 | F0986 | 14B | OTM1-SB10 | 0.23 | 5 | 2.5 | 15 | 8 | 100 | see page #09 | JP |
| | 321 | | 14B DUP | OTM1-SB10 | 0.23 | | | | | 100 | | |
| | 197 | | 14B MS | OTM1-SB10 | 0.23 | | | | | 100 | | |
| | 327W | | 16B | OTM1-SB11 | 0.24 | | | | | 100 | | |
| | 10W | | 18B | OTM1-SB08 | 0.24 | | | | | 100 | | |
| | 313A | F0986 | 20B | OTM1-SB02 | 0.25 | | | | | 100 | | |
| | 322R | F0981 | 03B | OTM1-SB06 | 0.22 | | | | | 100 | | |
| | 97 | | 04B | OTM1-SB12 | 0.22 | | | | | 100 | | |
| | 232 | | 05B | OTM1-SB12/0 | 0.20 | | | | | 100 | | |
| | 336A | | 07B | OTM1-MW-BB07 | 0.20 | | | | | 100 | | |
| | 319 M | | 08B | OTM1-MW-BB09 | 0.21 | | | | | 100 | | |
| | 196 | | 09B | OTM1-MW-BB09 | 0.25 | | | | | 100 | | |
| | 251 | | 10B | OTM1-MW-BR10 | 0.21 | | | | | 100 | | |
| | 322 | | 11B | OTM1-MW-BR12 | 0.20 | | | | | 100 | | |
| | 321* | | 11B DUP | OTM1-MW-BR12 | 0.20 | | | | | 100 | | |
| 7/26/07 | 253 | F0981 | 11B MS | OTM1-MW-BR12 | 0.20 | 5 | 2.5 | 15 | 8 | 100 | | JP |

Waters In: N/A Out: 12:52 Temp: 95 °C
 Matrix: Aqueous In: 12:50 Out: 13:30
 H₂SO₄ Lot # 3106120
 HNO₃ Lot # 1106070
 Spike ID EE070702 7/26/07 HCl Lot # -
 Spike volume: 200ul
 KMnO₄ ID # I.R.07072403
 K2S2O8 ID# I.R.07071105
 Method # 144.5.3

Soils In: 12:50 Out: 13:30
 Matrix: Soil/Solid
 Spike volume: 200ul
 I.R.070713A

RELINQUISHED TO: [Signature] 7/26/07
 Reviewed by: _____

| Date | Bottle No. | Sample ID | Client ID | Sample Vol (ml)/ Wt (g) | Reagents Added | | | | Final Volume (ml) | Comments | Analyst |
|---------|------------|------------|-----------|-------------------------|---|-----------------------------|---------------------------|--|-------------------|-----------|---------|
| | | | | | Conc. H ₂ SO ₄ (ml) | Conc. HNO ₃ (ml) | 5% KMnO ₄ (ml) | 5% K ₂ SO ₄ (ml) | | | |
| 7/26/07 | 238 | S0.0-31387 | | 100 | 5 | 2.5 | 15 | 8 | 100 | | JD |
| | 336* | S0.2 | | 0.04/100 | | | | | 100 | II070713A | |
| | 242 | S1.0 | | 0.2/100 | | | | | 100 | | |
| | 329A | S2.0 | | 0.4/100 | | | | | 100 | | |
| | 262 | S5.0 | | 1.0/100 | | | | | 100 | | |
| | 246 | S10.0 | | 2.0/100 | | | | | 100 | II070713A | |
| | 7P | 1CY | | 1.0/100 | | | | | 100 | II070702A | |
| | 315C | MB | | 100 | | | | | 100 | | |
| | 3230 | F0936 | 04B | OTM1-SB07 | | | | | 100 | | |
| | 12 | | 07B | OTM1-SB03 | | | | | 100 | | |
| | 319 | | 08B | OTM1-SB03/D | | | | | 100 | | |
| | 231 | | 12B | OTM1-SB04U | | | | | 100 | | |
| | 255 | | 12BDUP | OTM1-SB04U | | | | | 100 | | |
| | 129N | | 12BMS | OTM1-SB04U | | | | | 100 | | |
| | 7TT | | 15B | OTM1-SB10W | | | | | 100 | | |
| 7/26/07 | 22B | F0936 | 17B | OTM1-SB11W | 5 | 2.5 | 15 | 8 | 100 | | JD |

Waters In: 11:00 Out: N/A
 In: 13:00 Out: N/A
 Matrix: Aqueous Matrix: Soil/Solid
 H₂SO₄ Lot # 3106120
 HNO₃ Lot # 1106070
 HCl Lot #
 KMnO₄ ID # IR07072403
 K₂S₂O₈ ID # IR07071105
 Method # ILH5.3
 LCSS ID
 LCSS volume:
 Spike ID II070713A
 Spike volume: 200ul
 Temp: 95 °C
 Relinquished to: *[Signature]* 7/26/07
 Reviewed by: _____
 Logbook ID: 100.0128 - 07/07

MITKEM CORPORATION: CYANIDE DISTILLATION LOGBOOK

| Date: <u>7/19/07</u> | | Time On: <u>9:20/12:00</u> | | Time Off: <u>11:20/14:00</u> | | Analyst: <u>BV</u> | | | | |
|----------------------|-----------|-------------------------------|-----------|------------------------------|------------------|--------------------|-----------------------|-----------|-----------------|--------------|
| Place # | Lab ID | Sample Vol (ml) Weight (g) | Sample pH | Pb Ac Paper (Y/N) | O.IN NaAsO2 (ml) | KI Test (Y/N) | 4N Sulfamic Acid (ml) | 50% H2SO4 | 2.5M MgCl2 (ml) | Final Volume |
| 1 | ICV | 50 | — | W | — | W | 0.5 | 5 | 2 | 50 |
| 2 | STD. 0.20 | 50 | | | | | | | | 50 |
| 3 | 14B-31267 | 50 | | | | | | | | 50 |
| 4 | LCS-31267 | 1.00 | | | | | | | | 50 |
| 5 | F0936 | 01B 1.18 | | | | | | | | 50 |
| 6 | | 02B 1.14 | | | | | | | | 50 |
| 7 | | 05B 1.22 | | | | | | | | 50 |
| 8 | | 06B 1.12 | | | | | | | | 50 |
| 9 | | 10B 1.19 | | | | | | | | 50 |
| 10 | | 13B 1.16 | | | | | | | | 50 |
| 1 | | 14B 1.14 | | | | | | | | 50 |
| 2 | | 14BWP 1.14 | | | | | | | | 50 |
| 3 | F0936 | 14BMS 1.14 | | | | | | | | 50 |
| 4 | F0981 | 03B 1.10 | | | | | | | | 50 |
| 5 | F0981 | 04B 1.17 | | | | | | | | 50 |
| 6 | F0981 | 05B 1.10 | — | W | — | W | 0.5 | 5 | 2 | 50 |
| 7 | | | | | | | | | | 50 |
| 8 | | | | | | | | | | 50 |
| 9 | | | | | | | | | | 50 |
| 10 | | | | | | | | | | 50 |

7/19/07 BV

Sulfamic Acid: IR07040401

Na₂AsO₂:

H₂SO₄: IR07061203

Logbook ID: 100.0169-03/07

MgCl₂: IR07050401

Cad. Carbonate:

Temp: 125°C

Reviewed By:

LCS ID: IWP060821F
 LCS volume: 1.00g/L ^{1 BV}
 Spike ID: IWI0707050A ^{7/19/07}
 Spike volume: 500µL
 ICV ID: IWW07071201
 Std.0.2: IWW07071901

Percent Moisture and Percent Solids Report

| <i>Mitkem Sample ID</i> | <i>Client Sample ID</i> | <i>Analyzed</i> | <i>Percent Moisture</i> | <i>Percent Solids</i> | <i>Validated</i> |
|-------------------------|-------------------------|-------------------|-------------------------|-----------------------|------------------|
| <i>F0936-01A</i> | <i>OTMI-SB01</i> | <i>07/24/2007</i> | <i>15</i> | <i>85</i> | <i>Yes</i> |
| <i>F0936-02A</i> | <i>OTMI-SB07</i> | <i>07/25/2007</i> | <i>40</i> | <i>60</i> | <i>Yes</i> |
| <i>F0936-05A</i> | <i>OTMI-SB05</i> | <i>07/24/2007</i> | <i>18</i> | <i>82</i> | <i>Yes</i> |
| <i>F0936-06A</i> | <i>OTMI-SB03</i> | <i>07/24/2007</i> | <i>22</i> | <i>78</i> | <i>Yes</i> |
| <i>F0936-10A</i> | <i>OTMI-SB04</i> | <i>07/24/2007</i> | <i>33</i> | <i>67</i> | <i>Yes</i> |
| <i>F0936-13A</i> | <i>OTMI-SB09</i> | <i>07/24/2007</i> | <i>18</i> | <i>82</i> | <i>Yes</i> |
| <i>F0936-14A</i> | <i>OTMI-SB10</i> | <i>07/24/2007</i> | <i>10</i> | <i>90</i> | <i>Yes</i> |
| <i>F0936-16A</i> | <i>OTMI-SB11</i> | <i>07/24/2007</i> | <i>21</i> | <i>79</i> | <i>Yes</i> |
| <i>F0936-18A</i> | <i>OTMI-SB08</i> | <i>07/24/2007</i> | <i>20</i> | <i>80</i> | <i>Yes</i> |
| <i>F0936-20A</i> | <i>OTMI-SB02</i> | <i>07/24/2007</i> | <i>31</i> | <i>69</i> | <i>Yes</i> |

Last Page of Data Report