

| Sample ID        | Result       | Std. Dev. | RSD | Mode | ALT |
|------------------|--------------|-----------|-----|------|-----|
| CCV1             | 956.1034     |           |     | TOC  |     |
| CCV1             | 999.1796     |           |     | TOC  |     |
| CCV1             | 988.9807     |           |     | TOC  |     |
| CCV1.....        | 991.5833...  | ..        | ... | TOC  | ..  |
| CCB1             | 5.0622       |           |     | TOC  |     |
| CCB1             | 2.6004       |           |     | TOC  |     |
| CCB1.....        | 21.1397...   | ..        | ... | TOC  | ..  |
| CCB1             | 19.9590      |           |     | TOC  |     |
| LB116174BLS      | 7.2463       |           |     | TOC  |     |
| LB116174BLS..... | 6.8011...    | ..        | ... | TOC  | ..  |
| LB116174BLS      | 13.0420      |           |     | TOC  |     |
| LB116174BLS      | 13.8725      |           |     | TOC  |     |
| LB116174BSS..... | 1047.0887... | ..        | ... | TOC  | ..  |
| LB116174BSS      | 999.2083     |           |     | TOC  |     |
| LB116174BSS      | 1106.0364    |           |     | TOC  |     |
| LB116174BSS..... | 1040.2600... | ..        | ... | TOC  | ..  |
| M2940-02         | 281.1788     |           |     | TOC  |     |
| M2940-02         | 254.2825     |           |     | TOC  |     |
| M2940-02.....    | 278.2765...  | ..        | ... | TOC  | ..  |
| M2940-02         | 252.0400     |           |     | TOC  |     |
| M2940-03         | 54.2705      |           |     | TOC  |     |
| M2940-03.....    | 68.7593...   | ..        | ... | TOC  | ..  |
| M2940-03         | 59.0445      |           |     | TOC  |     |
| M2940-03         | 64.3087      |           |     | TOC  |     |
| CCV2.....        | 1031.6022... | ..        | ... | TOC  | ..  |
| CCV2             | 994.9659     |           |     | TOC  |     |
| CCV2             | 987.0467     |           |     | TOC  |     |
| CCV2.....        | 1026.3914... | ..        | ... | TOC  | ..  |
| CCB2             | 1.8229       |           |     | TOC  |     |
| CCB2             | 7.5164       |           |     | TOC  |     |
| CCB2.....        | 5.5927...    | ..        | ... | TOC  | ..  |
| CCB2             | 6.3628       |           |     | TOC  |     |

| Method ID    | Sample Type | Vial Timestamp |                    | Message               |
|--------------|-------------|----------------|--------------------|-----------------------|
| Boat Sampler | Sample      | 2021/09/08     | 08:50              |                       |
| Boat Sampler | Sample      | 2021/09/08     | 08:52              |                       |
| Boat Sampler | Sample      | 2021/09/08     | 08:54              |                       |
| Boat Sampler | ...Sample   | ..             | ..2021/09/08 08:56 | ..                    |
| Boat Sampler | Sample      |                | 2021/09/08 09:00   | Low Sample Detected   |
| Boat Sampler | Sample      |                | 2021/09/08 09:03   | Low Sample Detected   |
| Boat Sampler | ...Sample   | ..             | ..2021/09/08 09:06 | ..Low Sample Detected |
| Boat Sampler | Sample      |                | 2021/09/08 09:10   | Low Sample Detected   |
| Boat Sampler | Sample      |                | 2021/09/08 09:13   | Low Sample Detected   |
| Boat Sampler | ...Sample   | ..             | ..2021/09/08 09:17 | ..Low Sample Detected |
| Boat Sampler | Sample      |                | 2021/09/08 09:20   | Low Sample Detected   |
| Boat Sampler | Sample      |                | 2021/09/08 09:23   | Low Sample Detected   |
| Boat Sampler | ...Sample   | ..             | ..2021/09/08 09:26 | ..                    |
| Boat Sampler | Sample      |                | 2021/09/08 09:28   |                       |
| Boat Sampler | Sample      |                | 2021/09/08 09:31   |                       |
| Boat Sampler | ...Sample   | ..             | ..2021/09/08 09:33 | ..                    |
| Boat Sampler | Sample      |                | 2021/09/08 09:48   |                       |
| Boat Sampler | Sample      |                | 2021/09/08 09:50   |                       |
| Boat Sampler | ...Sample   | ..             | ..2021/09/08 09:52 | ..                    |
| Boat Sampler | Sample      |                | 2021/09/08 09:55   |                       |
| Boat Sampler | Sample      |                | 2021/09/08 09:57   |                       |
| Boat Sampler | ...Sample   | ..             | ..2021/09/08 09:59 | ..                    |
| Boat Sampler | Sample      |                | 2021/09/08 10:01   |                       |
| Boat Sampler | Sample      |                | 2021/09/08 10:04   |                       |
| Boat Sampler | ...Sample   | ..             | ..2021/09/08 10:07 | ..                    |
| Boat Sampler | Sample      |                | 2021/09/08 10:09   |                       |
| Boat Sampler | Sample      |                | 2021/09/08 10:11   |                       |
| Boat Sampler | ...Sample   | ..             | ..2021/09/08 10:14 | ..                    |
| Boat Sampler | Sample      |                | 2021/09/08 10:18   | Low Sample Detected   |
| Boat Sampler | Sample      |                | 2021/09/08 10:22   | Low Sample Detected   |
| Boat Sampler | ...Sample   | ..             | ..2021/09/08 10:25 | ..Low Sample Detected |
| Boat Sampler | Sample      |                | 2021/09/08 10:32   | Low Sample Detected   |

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=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   09080848
Cal. Curve:  TOC SOIL                 Timestamp:  2021/09/08 08:50
Operator ID: AP MA                    Sample Type: Sample
=====
```

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 956.1034 | 38.2441 | 1668080  | 1.361                 | 2.359              | 60                  |

```
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```

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   09080850
Cal. Curve:  TOC SOIL                 Timestamp:  2021/09/08 08:52
Operator ID: AP MA                    Sample Type: Sample
=====
```

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 999.1796 | 39.9672 | 1743234  | 1.459                 | 2.459              | 60                  |

```
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```

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   09080852
Cal. Curve:  TOC SOIL                 Timestamp:  2021/09/08 08:54
Operator ID: AP MA                    Sample Type: Sample
=====
```

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 988.9807 | 39.5592 | 1725440  | 1.347                 | 2.344              | 57                  |

```
=====
```

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   09080855
Cal. Curve:  TOC SOIL                 Timestamp:  2021/09/08 08:56
Operator ID: AP MA                    Sample Type: Sample
=====
```

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 991.5833 | 39.6633 | 1729981  | 1.332                 | 2.331              | 62                  |

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```

```
=====
Sample ID:   CCB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   09080857
Cal. Curve:  TOC SOIL                 Timestamp:  2021/09/08 09:00
Operator ID: AP MA                    Sample Type: Sample
=====
```

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 5.0622 | 0.2025 | 8832     | 1.213                 | 1.152              | 120                 |

```
=====
```

Last Message: Low Sample Detected

```
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```

```
=====
Sample ID:   CCB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   09080901
Cal. Curve:  TOC SOIL                 Timestamp:  2021/09/08 09:03
Operator ID: AP MA                    Sample Type: Sample
=====
```

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 2.6004 | 0.1040 | 4537     | 1.161                 | 0.953              | 120                 |

```
=====
```

Last Message: Low Sample Detected

```
=====
```

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB1         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 09080904         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/09/08 09:06 |
| Operator ID: | AP MA        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 21.1397 | 0.8456 | 36882    | 0.940                 | 0.960              | 120                 |

Last Message: Low Sample Detected

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB1         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 09080907         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/09/08 09:10 |
| Operator ID: | AP MA        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 19.9590 | 0.7984 | 34822    | 0.889                 | 1.048              | 120                 |

Last Message: Low Sample Detected

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB116174BLS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 09080910         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/09/08 09:13 |
| Operator ID: | AP MA        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 7.2463 | 0.2899 | 12642    | 0.878                 | 0.911              | 120                 |

Last Message: Low Sample Detected

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB116174BLS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 09080914         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/09/08 09:17 |
| Operator ID: | AP MA        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 6.8011 | 0.2720 | 11866    | 0.798                 | 0.788              | 120                 |

Last Message: Low Sample Detected

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB116174BLS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 09080917         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/09/08 09:20 |
| Operator ID: | AP MA        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 13.0420 | 0.5217 | 22754    | 0.753                 | 0.784              | 120                 |

Last Message: Low Sample Detected

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB116174BLS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 09080921         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/09/08 09:23 |
| Operator ID: | AP MA        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 13.8725 | 0.5549 | 24203    | 0.691                 | 0.688              | 120                 |

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Last Message: Low Sample Detected

=====

Sample ID: LB116174BSS Mode: TOC  
Method: Boat Sampler Filename: 09080924  
Cal. Curve: TOC SOIL Timestamp: 2021/09/08 09:26  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1047.0887 | 41.8836 | 1826819  | 0.648                 | 1.644              | 69                  |

=====

Sample ID: LB116174BSS Mode: TOC  
Method: Boat Sampler Filename: 09080927  
Cal. Curve: TOC SOIL Timestamp: 2021/09/08 09:28  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 999.2083 | 39.9683 | 1743284  | 0.840                 | 1.838              | 64                  |

=====

Sample ID: LB116174BSS Mode: TOC  
Method: Boat Sampler Filename: 09080929  
Cal. Curve: TOC SOIL Timestamp: 2021/09/08 09:31  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1106.0364 | 44.2415 | 1929663  | 0.790                 | 1.789              | 72                  |

=====

Sample ID: LB116174BS Mode: TOC  
S  
Method: Boat Sampler Filename: 09080931  
Cal. Curve: TOC SOIL Timestamp: 2021/09/08 09:33  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1040.2600 | 41.6104 | 1814905  | 0.733                 | 1.731              | 63                  |

=====

Sample ID: M2940-02 Mode: TOC  
Method: Boat Sampler Filename: 09080946  
Cal. Curve: TOC SOIL Timestamp: 2021/09/08 09:48  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 281.1788 | 11.2472 | 490563   | 0.287                 | 1.285              | 54                  |

=====

Sample ID: M2940-02 Mode: TOC  
Method: Boat Sampler Filename: 09080949  
Cal. Curve: TOC SOIL Timestamp: 2021/09/08 09:50  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 254.2825 | 10.1713 | 443638   | 0.313                 | 1.313              | 51                  |

=====

Sample ID: M2940-02 Mode: TOC

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Method:      | Boat Sampler | Filename:    | 09080951         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/09/08 09:52 |
| Operator ID: | AP MA        | Sample Type: | Sample           |

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 278.2765 | 11.1311 | 485499   | 0.263                 | 1.248              | 54                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2940-02     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 09080953         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/09/08 09:55 |
| Operator ID: | AP MA        | Sample Type: | Sample           |

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 252.0400 | 10.0816 | 439725   | 0.240                 | 1.237              | 50                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2940-03     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 09080956         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/09/08 09:57 |
| Operator ID: | AP MA        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 54.2705 | 2.1708 | 94684    | 0.123                 | 1.120              | 39                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2940-03     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 09080958         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/09/08 09:59 |
| Operator ID: | AP MA        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 68.7593 | 2.7504 | 119962   | 0.146                 | 1.143              | 36                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2940-03     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 09081000         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/09/08 10:01 |
| Operator ID: | AP MA        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 59.0445 | 2.3618 | 103013   | 0.063                 | 1.060              | 41                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2940-03     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 09081002         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/09/08 10:04 |
| Operator ID: | AP MA        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 64.3087 | 2.5723 | 112197   | 0.079                 | 1.073              | 42                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCV2         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 09081004         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/09/08 10:07 |
| Operator ID: | AP MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1031.6022 | 41.2641 | 1799801  | 0.010                 | 1.009              | 68                  |

Sample ID: CCV2 Mode: TOC  
Method: Boat Sampler Filename: 09081007  
Cal. Curve: TOC SOIL Timestamp: 2021/09/08 10:09  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 994.9659 | 39.7986 | 1735882  | 0.224                 | 1.217              | 64                  |

Sample ID: CCV2 Mode: TOC  
Method: Boat Sampler Filename: 09081009  
Cal. Curve: TOC SOIL Timestamp: 2021/09/08 10:11  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 987.0467 | 39.4819 | 1722066  | 0.264                 | 1.262              | 73                  |

Sample ID: CCV2 Mode: TOC  
Method: Boat Sampler Filename: 09081012  
Cal. Curve: TOC SOIL Timestamp: 2021/09/08 10:14  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1026.3914 | 41.0557 | 1790709  | 0.161                 | 1.157              | 67                  |

Sample ID: CCB2 Mode: TOC  
Method: Boat Sampler Filename: 09081015  
Cal. Curve: TOC SOIL Timestamp: 2021/09/08 10:18  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 1.8229 | 0.0729 | 3180     | 0.052                 | 0.035              | 120                 |

Last Message: Low Sample Detected

Sample ID: CCB2 Mode: TOC  
Method: Boat Sampler Filename: 09081019  
Cal. Curve: TOC SOIL Timestamp: 2021/09/08 10:22  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 7.5164 | 0.3007 | 13114    | -0.095                | -0.071             | 120                 |

Last Message: Low Sample Detected

Sample ID: CCB2 Mode: TOC  
Method: Boat Sampler Filename: 09081023  
Cal. Curve: TOC SOIL Timestamp: 2021/09/08 10:25  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 5.5927 | 0.2237 | 9757     | -0.126                | -0.143             | 120                 |

Last Message: Low Sample Detected

Sample ID: CCB2  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Timestamp: 2021/09/08 10:32  
Operator ID: AP MA  
Mode: TOC  
Filename: 09081029  
Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 6.3628 | 0.2545 | 11101    | -0.213                | -0.211             | 120                 |

-----  
Last Message: Low Sample Detected  
=====

| Sample ID    | Result      | Std. Dev. | RSD     | Mode   | ALT |
|--------------|-------------|-----------|---------|--------|-----|
| blank        | 28855       | 15929     | 55.20   | TOC    |     |
| 250PPM       | 407987      | 4762      | 1.17    | TOC    |     |
| 500PPM       | 859590      | 27113     | 3.15    | TOC    |     |
| 1000PPM..... | 1719032...  | 40085..   | 2.33... | TOC    | ..  |
| 2000PPM      | 3497950     | 34640     | 0.99    | TOC    |     |
| ICV          | 897.4513    |           |         | TOC    |     |
| ICV.....     | 864.9423... | ..        |         | ...TOC | ..  |
| ICV          | 1012.0534   |           |         | TOC    |     |
| ICV          | 940.9214    |           |         | TOC    |     |
| ICB.....     | 6.5852...   | ..        |         | ...TOC | ..  |
| ICB          | 16.1734     |           |         | TOC    |     |
| ICB          | 9.3062      |           |         | TOC    |     |
| ICB.....     | 11.6792...  | ..        |         | ...TOC | ..  |

| Method ID    | Sample Type     | Vial | Timestamp          | Message               |
|--------------|-----------------|------|--------------------|-----------------------|
| =====        |                 |      |                    |                       |
| Boat Sampler | TOC Standard    |      | 2021/09/07 12:51   | Low Sample Detected   |
| Boat Sampler | TOC Standard    |      | 2021/09/07 13:04   |                       |
| Boat Sampler | TOC Standard    |      | 2021/09/07 13:16   |                       |
| Boat Sampler | ...TOC Standard | ..   | ..2021/09/07 13:28 | ..                    |
| Boat Sampler | TOC Standard    |      | 2021/09/07 13:41   |                       |
| Boat Sampler | Sample          |      | 2021/09/07 13:45   |                       |
| Boat Sampler | ...Sample       | ..   | ..2021/09/07 13:47 | ..                    |
| Boat Sampler | Sample          |      | 2021/09/07 13:50   |                       |
| Boat Sampler | Sample          |      | 2021/09/07 13:52   |                       |
| Boat Sampler | ...Sample       | ..   | ..2021/09/07 13:57 | ..Low Sample Detected |
| Boat Sampler | Sample          |      | 2021/09/07 14:00   | Low Sample Detected   |
| Boat Sampler | Sample          |      | 2021/09/07 14:03   | Low Sample Detected   |
| Boat Sampler | ...Sample       | ..   | ..2021/09/07 14:07 | ..Low Sample Detected |

```
=====
Sample ID:   blank                      Mode:      TOC
Method:      Boat Sampler               Filename:   09071059
Cal. Curve:  TOC SOIL                  Timestamp: 2021/09/07 12:51
Operator ID: AP MA                     Sample Type: TOC Standard
=====
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 49591    | -0.043                | -0.011             | 120                 |
| 2     |       |      | 21426    | -0.065                | -0.032             | 120                 |
| 3     |       |      | 12519    | 0.070                 | 0.015              | 120                 |
| 4     |       |      | 31885    | 0.096                 | 0.071              | 120                 |

-----  
Last Message: Low Sample Detected

<<<Statistics>>>    Mean:    28855    Std Dev:    15929    RSD: 55.20  
=====

```
=====
Sample ID:   250PPM                      Mode:      TOC
Method:      Boat Sampler               Filename:   09071255
Cal. Curve:  TOC SOIL                  Timestamp: 2021/09/07 13:04
Operator ID: AP MA                     Sample Type: TOC Standard
=====
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 405845   | 0.006                 | 0.995              | 42                  |
| 2     |       |      | 406463   | 0.041                 | 1.028              | 49                  |
| 3     |       |      | 415036   | 0.119                 | 1.114              | 48                  |
| 4     |       |      | 404604   | 0.022                 | 1.015              | 47                  |

-----  
<<<Statistics>>>    Mean:    407987    Std Dev:    4762    RSD: 1.17  
=====

```
=====
Sample ID:   500PPM                      Mode:      TOC
Method:      Boat Sampler               Filename:   09071305
Cal. Curve:  TOC SOIL                  Timestamp: 2021/09/07 13:16
Operator ID: AP MA                     Sample Type: TOC Standard
=====
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 878506   | 0.008                 | 1.006              | 54                  |
| 2     |       |      | 820446   | -0.017                | 0.955              | 57                  |
| 3     |       |      | 877141   | 0.219                 | 1.205              | 54                  |
| 4     |       |      | 862269   | 0.147                 | 1.147              | 53                  |

-----  
<<<Statistics>>>    Mean:    859590    Std Dev:    27113    RSD: 3.15  
=====

```
=====
Sample ID:   1000PPM                     Mode:      TOC
Method:      Boat Sampler               Filename:   09071317
Cal. Curve:  TOC SOIL                  Timestamp: 2021/09/07 13:28
Operator ID: AP MA                     Sample Type: TOC Standard
=====
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 1661582  | 0.115                 | 1.105              | 66                  |
| 2     |       |      | 1754242  | 0.104                 | 1.094              | 63                  |
| 3     |       |      | 1734214  | 0.181                 | 1.174              | 63                  |
| 4     |       |      | 1726089  | 0.064                 | 1.061              | 64                  |

-----  
<<<Statistics>>>    Mean:    1719032    Std Dev:    40085    RSD: 2.33  
=====

```
=====
Sample ID:   2000PPM                     Mode:      TOC
Method:      Boat Sampler               Filename:   09071329
Cal. Curve:  TOC SOIL                  Timestamp: 2021/09/07 13:41
Operator ID: AP MA                     Sample Type: TOC Standard
=====
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 3484037  | 0.084                 | 1.082              | 84                  |
| 2     |       |      | 3489774  | 0.328                 | 1.323              | 77                  |
| 3     |       |      | 3469654  | 0.468                 | 1.467              | 75                  |
| 4     |       |      | 3548336  | 0.147                 | 1.136              | 81                  |

<<<Statistics>>> Mean: 3497950 Std Dev: 34640 RSD: 0.99

Sample ID: ICV Mode: TOC  
Method: Boat Sampler Filename: 09071343  
Cal. Curve: TOC SOIL Timestamp: 2021/09/07 13:45  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 897.4513 | 35.8981 | 1565752  | -0.031                | 0.969              | 63                  |

Sample ID: ICV Mode: TOC  
Method: Boat Sampler Filename: 09071346  
Cal. Curve: TOC SOIL Timestamp: 2021/09/07 13:47  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 864.9423 | 34.5977 | 1509035  | 0.267                 | 1.257              | 61                  |

Sample ID: ICV Mode: TOC  
Method: Boat Sampler Filename: 09071349  
Cal. Curve: TOC SOIL Timestamp: 2021/09/07 13:50  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1012.0534 | 40.4821 | 1765695  | 0.162                 | 1.140              | 65                  |

Sample ID: ICV Mode: TOC  
Method: Boat Sampler Filename: 09071351  
Cal. Curve: TOC SOIL Timestamp: 2021/09/07 13:52  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 940.9214 | 37.6369 | 1641593  | 0.171                 | 1.162              | 62                  |

Sample ID: ICB Mode: TOC  
Method: Boat Sampler Filename: 09071354  
Cal. Curve: TOC SOIL Timestamp: 2021/09/07 13:57  
Operator ID: AP MA Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 6.5852 | 0.2634 | 11489    | 0.030                 | -0.062             | 120                 |

Last Message: Low Sample Detected

Sample ID: ICB Mode: TOC  
Method: Boat Sampler Filename: 09071358  
Cal. Curve: TOC SOIL Timestamp: 2021/09/07 14:00  
Operator ID: AP MA Sample Type: Sample

Last Message: Low Sample Detected

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 9.3062 | 0.3722 | 16236    | -0.076                | -0.018             | 120                 |

Last Message: Low Sample Detected

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 11.6792 | 0.4672 | 2        |                       |                    |                     |
| 0376  | -0.097  | -0.092 | 120      |                       |                    |                     |

Last Message: Low Sample Detected

Cal. Curve ID:            TOC SOIL  
Created:                2021/09/07 13:42  
Calibration Factor (m): 4.362e+04  
Y Intercept (b):        -5816  
r-squared:              0.99969

| Standard ID | Y        | X Expected | Measured | Message | Date &<br>Time   |
|-------------|----------|------------|----------|---------|------------------|
|             | Raw Data | ug C       | ug C     |         |                  |
| blank       | 28855    | 0.000      | 0.795    | 1/0.2   | 2021/09/07 12:51 |
| 250PPM      | 407987   | 10.000     | 9.487    | -5.1    | 2021/09/07 13:04 |
| 500PPM      | 859590   | 20.000     | 19.841   | -0.8    | 2021/09/07 13:16 |
| 1000PPM     | 1719032  | 40.000     | 39.546   | -1.1    | 2021/09/07 13:28 |
| 2000PPM     | 3497950  | 80.000     | 80.331   | 0.4     | 2021/09/07 13:41 |

ASB 917121