

| Sample ID        | Result       | Std. Dev. | RSD | Mode | ALT |
|------------------|--------------|-----------|-----|------|-----|
| CCV1             | 918.8485     |           |     | TOC  |     |
| CCV1             | 965.3998     |           |     | TOC  |     |
| CCV1             | 1026.2927    |           |     | TOC  |     |
| CCV1.....        | 1027.3470... | ..        | ... | TOC  | ..  |
| CCB1             | 2.1713       |           |     | TOC  |     |
| CCB1             | 6.2103       |           |     | TOC  |     |
| CCB1.....        | 6.7329...    | ..        | ... | TOC  | ..  |
| CCB1             | 4.2515       |           |     | TOC  |     |
| LB119396BLS      | 4.6747       |           |     | TOC  |     |
| LB119396BLS..... | 6.2988...    | ..        | ... | TOC  | ..  |
| LB119396BLS      | 6.5483       |           |     | TOC  |     |
| LB119396BLS      | 11.6797      |           |     | TOC  |     |
| LB119396BSS..... | 1006.2170... | ..        | ... | TOC  | ..  |
| LB119396BSS      | 922.0872     |           |     | TOC  |     |
| LB119396BSS      | 938.3356     |           |     | TOC  |     |
| LB119396BSS..... | 1005.6883... | ..        | ... | TOC  | ..  |
| N1645-06         | 71.4127      |           |     | TOC  |     |
| N1645-06         | 60.8520      |           |     | TOC  |     |
| N1645-06.....    | 61.7507...   | ..        | ... | TOC  | ..  |
| N1645-06         | 61.8175      |           |     | TOC  |     |
| CCV2             | 1015.7132    |           |     | TOC  |     |
| CCV2.....        | 1000.8159... | ..        | ... | TOC  | ..  |
| CCV2             | 1008.4295    |           |     | TOC  |     |
| CCV2             | 1018.3540    |           |     | TOC  |     |
| CCB2.....        | 12.6555...   | ..        | ... | TOC  | ..  |
| CCB2             | 6.8576       |           |     | TOC  |     |
| CCB2             | 6.5562       |           |     | TOC  |     |
| CCB2.....        | 6.8034...    | ..        | ... | TOC  | ..  |

| Method ID    | Sample Type | Vial | Timestamp          | Message               |
|--------------|-------------|------|--------------------|-----------------------|
| Boat Sampler | Sample      |      | 2022/03/29 08:54   |                       |
| Boat Sampler | Sample      |      | 2022/03/29 08:57   |                       |
| Boat Sampler | Sample      |      | 2022/03/29 09:01   |                       |
| Boat Sampler | ...Sample   | ..   | ..2022/03/29 09:03 | ..                    |
| Boat Sampler | Sample      |      | 2022/03/29 09:09   | Low Sample Detected   |
| Boat Sampler | Sample      |      | 2022/03/29 09:12   | Low Sample Detected   |
| Boat Sampler | ...Sample   | ..   | ..2022/03/29 09:17 | ..Low Sample Detected |
| Boat Sampler | Sample      |      | 2022/03/29 09:21   | Low Sample Detected   |
| Boat Sampler | Sample      |      | 2022/03/29 09:28   | Low Sample Detected   |
| Boat Sampler | ...Sample   | ..   | ..2022/03/29 09:31 | ..Low Sample Detected |
| Boat Sampler | Sample      |      | 2022/03/29 09:35   | Low Sample Detected   |
| Boat Sampler | Sample      |      | 2022/03/29 09:39   | Low Sample Detected   |
| Boat Sampler | ...Sample   | ..   | ..2022/03/29 09:43 | ..                    |
| Boat Sampler | Sample      |      | 2022/03/29 09:46   |                       |
| Boat Sampler | Sample      |      | 2022/03/29 09:49   |                       |
| Boat Sampler | ...Sample   | ..   | ..2022/03/29 09:52 | ..                    |
| Boat Sampler | Sample      |      | 2022/03/29 09:56   |                       |
| Boat Sampler | Sample      |      | 2022/03/29 09:58   |                       |
| Boat Sampler | ...Sample   | ..   | ..2022/03/29 10:01 | ..                    |
| Boat Sampler | Sample      |      | 2022/03/29 10:04   |                       |
| Boat Sampler | Sample      |      | 2022/03/29 10:08   |                       |
| Boat Sampler | ...Sample   | ..   | ..2022/03/29 10:11 | ..                    |
| Boat Sampler | Sample      |      | 2022/03/29 10:14   |                       |
| Boat Sampler | Sample      |      | 2022/03/29 10:17   |                       |
| Boat Sampler | ...Sample   | ..   | ..2022/03/29 10:19 | ..                    |
| Boat Sampler | Sample      |      | 2022/03/29 10:24   | Low Sample Detected   |
| Boat Sampler | Sample      |      | 2022/03/29 10:30   | Low Sample Detected   |
| Boat Sampler | ...Sample   | ..   | ..2022/03/29 10:36 | ..Low Sample Detected |

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   03290849
Cal. Curve:  TOC SOIL                 Timestamp: 2022/03/29 08:54
Operator ID: IZ AP                     Sample Type: Sample
=====
```

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 918.8485 | 36.7539 | 3518510  | -0.017                | 0.977              | 104                 |

```
=====
```

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   03290854
Cal. Curve:  TOC SOIL                 Timestamp: 2022/03/29 08:57
Operator ID: IZ AP                     Sample Type: Sample
=====
```

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 965.3998 | 38.6160 | 3696767  | 0.144                 | 1.140              | 104                 |

```
=====
```

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   03290858
Cal. Curve:  TOC SOIL                 Timestamp: 2022/03/29 09:01
Operator ID: IZ AP                     Sample Type: Sample
=====
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1026.2927 | 41.0517 | 3929941  | 0.243                 | 1.242              | 105                 |

```
=====
```

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   03290901
Cal. Curve:  TOC SOIL                 Timestamp: 2022/03/29 09:03
Operator ID: IZ AP                     Sample Type: Sample
=====
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1027.3470 | 41.0939 | 3933978  | 0.585                 | 1.579              | 98                  |

```
=====
```

```
=====
Sample ID:   CCB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   03290905
Cal. Curve:  TOC SOIL                 Timestamp: 2022/03/29 09:09
Operator ID: IZ AP                     Sample Type: Sample
=====
```

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 2.1713 | 0.0869 | 8314     | 0.047                 | -0.027             | 120                 |

```
-----
```

Last Message: Low Sample Detected

```
=====
```

```
=====
Sample ID:   CCB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   03290910
Cal. Curve:  TOC SOIL                 Timestamp: 2022/03/29 09:12
Operator ID: IZ AP                     Sample Type: Sample
=====
```

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 6.2103 | 0.2484 | 23781    | -0.001                | -0.086             | 120                 |

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

Sample ID: CCB1 Mode: TOC  
Method: Boat Sampler Filename: 03290913  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 09:17  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 6.7329 | 0.2693 | 25782    | -0.071                | -0.056             | 120                 |

-----

Last Message: Low Sample Detected  
=====

Sample ID: CCB1 Mode: TOC  
Method: Boat Sampler Filename: 03290918  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 09:21  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 4.2515 | 0.1701 | 16280    | -0.043                | -0.122             | 120                 |

-----

Last Message: Low Sample Detected  
=====

Sample ID: LB119396BLS Mode: TOC  
Method: Boat Sampler Filename: 03290925  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 09:28  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 4.6747 | 0.1870 | 17901    | -0.193                | -0.187             | 120                 |

-----

Last Message: Low Sample Detected  
=====

Sample ID: LB119396BLS Mode: TOC  
Method: Boat Sampler Filename: 03290929  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 09:31  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 6.2988 | 0.2520 | 24120    | -0.176                | -0.171             | 120                 |

-----

Last Message: Low Sample Detected  
=====

Sample ID: LB119396BLS Mode: TOC  
Method: Boat Sampler Filename: 03290932  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 09:35  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 6.5483 | 0.2619 | 25075    | -0.155                | -0.139             | 120                 |

-----

Last Message: Low Sample Detected  
=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB119396BLS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 03290936         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2022/03/29 09:39 |
| Operator ID: | IZ AP        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 11.6797 | 0.4672 | 44725    | -0.136                | -0.179             | 120                 |

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

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB119396BSS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 03290940         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2022/03/29 09:43 |
| Operator ID: | IZ AP        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1006.2170 | 40.2487 | 3853066  | -0.134                | 0.865              | 117                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB119396BSS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 03290944         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2022/03/29 09:46 |
| Operator ID: | IZ AP        | Sample Type: | Sample           |

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 922.0872 | 36.8835 | 3530911  | 0.663                 | 1.663              | 79                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB119396BSS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 03290947         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2022/03/29 09:49 |
| Operator ID: | IZ AP        | Sample Type: | Sample           |

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 938.3356 | 37.5334 | 3593131  | 0.606                 | 1.603              | 87                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB119396BS   | Mode:        | TOC              |
| S            |              | Filename:    | 03290950         |
| Method:      | Boat Sampler | Timestamp:   | 2022/03/29 09:52 |
| Cal. Curve:  | TOC SOIL     | Sample Type: | Sample           |
| Operator ID: | IZ AP        |              |                  |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1005.6883 | 40.2275 | 3851042  | 0.346                 | 1.345              | 95                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | N1645-06     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 03290954         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2022/03/29 09:56 |
| Operator ID: | IZ AP        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 71.4127 | 2.8565 | 273458   | 0.020                 | 1.007              | 54                  |

Sample ID: N1645-06 Mode: TOC  
Method: Boat Sampler Filename: 03290957  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 09:58  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 60.8520 | 2.4341 | 233018   | -0.080                | 0.912              | 52                  |

Sample ID: N1645-06 Mode: TOC  
Method: Boat Sampler Filename: 03291000  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 10:01  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 61.7507 | 2.4700 | 236460   | -0.169                | 0.824              | 53                  |

Sample ID: N1645-06 Mode: TOC  
Method: Boat Sampler Filename: 03291002  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 10:04  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 61.8175 | 2.4727 | 236715   | 0.057                 | 1.047              | 50                  |

Sample ID: CCV2 Mode: TOC  
Method: Boat Sampler Filename: 03291005  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 10:08  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1015.7132 | 40.6285 | 3889430  | -0.166                | 0.833              | 113                 |

Sample ID: CCV2 Mode: TOC  
Method: Boat Sampler Filename: 03291009  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 10:11  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1000.8159 | 40.0326 | 3832384  | 0.201                 | 1.199              | 100                 |

Sample ID: CCV2 Mode: TOC  
Method: Boat Sampler Filename: 03291012  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 10:14  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1008.4295 | 40.3372 | 3861538  | 0.356                 | 1.354              | 99                  |

Sample ID: CCV2 Mode: TOC  
Method: Boat Sampler Filename: 03291015  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 10:17  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1018.3540 | 40.7342 | 3899542  | 0.578                 | 1.573              | 97                  |

Sample ID: CCB2 Mode: TOC  
Method: Boat Sampler Filename: 03291018  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 10:19  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 12.6555 | 0.5062 | 48461    | 0.289                 | 1.279              | 38                  |

Sample ID: CCB2 Mode: TOC  
Method: Boat Sampler Filename: 03291020  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 10:24  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 6.8576 | 0.2743 | 26259    | 0.185                 | 0.005              | 120                 |

Last Message: Low Sample Detected

Sample ID: CCB2 Mode: TOC  
Method: Boat Sampler Filename: 03291025  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 10:30  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 6.5562 | 0.2622 | 25105    | -0.227                | -0.244             | 120                 |

Last Message: Low Sample Detected

Sample ID: CCB2 Mode: TOC  
Method: Boat Sampler Filename: 03291033  
Cal. Curve: TOC SOIL Timestamp: 2022/03/29 10:36  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 6.8034 | 0.2721 | 26052    | -0.158                | -0.215             | 120                 |

Last Message: Low Sample Detected

| Sample ID     | Result      | Std. Dev. | RSD      | Mode | ALT |
|---------------|-------------|-----------|----------|------|-----|
| BLANK         | 14651       | 3882      | 26.50    | TOC  |     |
| 250mg/l       | 1074530     | 31415     | 2.92     | TOC  |     |
| 500mg/l       | 2082172     | 38483     | 1.85     | TOC  |     |
| 1000mg/l..... | 3966236...  | 403547..  | 10.17... | TOC  | ..  |
| 2000mg/l      | 7720309     | 77335     | 1.00     | TOC  |     |
| ICV           | 950.9266    |           |          | TOC  |     |
| ICV.....      | 959.8093... | ..        | ...      | TOC  | ..  |
| ICV           | 965.0654    |           |          | TOC  |     |
| ICV           | 928.6105    |           |          | TOC  |     |
| ICB1.....     | 20.5748...  | ..        | ...      | TOC  | ..  |
| ICB1          | 11.1034     |           |          | TOC  |     |
| ICB1          | 5.2329      |           |          | TOC  |     |
| ICB1.....     | 8.9380...   | ..        | ...      | TOC  | ..  |

| Method ID    | Sample Type     | Vial Timestamp |                    | Message               |
|--------------|-----------------|----------------|--------------------|-----------------------|
| Boat Sampler | TOC Standard    | 2022/03/28     | 10:20              | Low Sample Detected   |
| Boat Sampler | TOC Standard    | 2022/03/28     | 10:46              |                       |
| Boat Sampler | TOC Standard    | 2022/03/28     | 11:00              |                       |
| Boat Sampler | ...TOC Standard | ..             | ..2022/03/28 11:14 | ..                    |
| Boat Sampler | TOC Standard    | 2022/03/28     | 11:31              |                       |
| Boat Sampler | Sample          | 2022/03/28     | 12:08              |                       |
| Boat Sampler | ...Sample       | ..             | ..2022/03/28 12:13 | ..                    |
| Boat Sampler | Sample          | 2022/03/28     | 12:17              |                       |
| Boat Sampler | Sample          | 2022/03/28     | 12:20              |                       |
| Boat Sampler | ...Sample       | ..             | ..2022/03/28 12:25 | ..                    |
| Boat Sampler | Sample          | 2022/03/28     | 12:30              | Low Sample Detected   |
| Boat Sampler | Sample          | 2022/03/28     | 12:34              | Low Sample Detected   |
| Boat Sampler | ...Sample       | ..             | ..2022/03/28 12:38 | ..Low Sample Detected |

```
=====
Sample ID:   BLANK                      Mode:      TOC
Method:      Boat Sampler               Filename:   03281004
Cal. Curve:  TOC SOIL                  Timestamp: 2022/03/28 10:20
Operator ID: IZ AP                      Sample Type: TOC Standard
=====
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 18259    | 0.014                 | 0.047              | 120                 |
| 2     |       |      | 17712    | 0.045                 | 0.005              | 120                 |
| 3     |       |      | 11864    | 0.111                 | 0.033              | 120                 |
| 4     |       |      | 10770    | 0.068                 | -0.031             | 120                 |

-----  
Last Message: Low Sample Detected

<<<Statistics>>>    Mean:    14651    Std Dev:    3882    RSD: 26.50  
=====

```
=====
Sample ID:   250mg/l                    Mode:      TOC
Method:      Boat Sampler               Filename:   03281022
Cal. Curve:  TOC SOIL                  Timestamp: 2022/03/28 10:46
Operator ID: IZ AP                      Sample Type: TOC Standard
=====
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 1061222  | -0.167                | 0.829              | 71                  |
| 2     |       |      | 1105469  | -0.138                | 0.858              | 70                  |
| 3     |       |      | 1094621  | -0.089                | 0.903              | 67                  |
| 4     |       |      | 1036810  | -0.213                | 0.784              | 66                  |

-----  
<<<Statistics>>>    Mean:  1074530    Std Dev:    31415    RSD: 2.92  
=====

```
=====
Sample ID:   500mg/l                    Mode:      TOC
Method:      Boat Sampler               Filename:   03281048
Cal. Curve:  TOC SOIL                  Timestamp: 2022/03/28 11:00
Operator ID: IZ AP                      Sample Type: TOC Standard
=====
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 2071734  | -0.246                | 0.751              | 82                  |
| 2     |       |      | 2040486  | -0.108                | 0.889              | 98                  |
| 3     |       |      | 2133111  | -0.001                | 0.999              | 84                  |
| 4     |       |      | 2083359  | -0.047                | 0.949              | 84                  |

-----  
<<<Statistics>>>    Mean:  2082172    Std Dev:    38483    RSD: 1.85  
=====

```
=====
Sample ID:   1000mg/l                   Mode:      TOC
Method:      Boat Sampler               Filename:   03281101
Cal. Curve:  TOC SOIL                  Timestamp: 2022/03/28 11:14
Operator ID: IZ AP                      Sample Type: TOC Standard
=====
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 3374662  | -0.323                | 0.676              | 104                 |
| 2     |       |      | 4221901  | -0.085                | 0.914              | 104                 |
| 3     |       |      | 4225868  | 0.105                 | 1.102              | 100                 |
| 4     |       |      | 4042514  | 0.088                 | 1.084              | 98                  |

-----  
<<<Statistics>>>    Mean:  3966236    Std Dev:    403547    RSD: 10.17  
=====

Sample ID: 2000mg/l Mode: TOC  
Method: Boat Sampler Filename: 03281115  
Cal. Curve: TOC SOIL Timestamp: 2022/03/28 11:31  
Operator ID: IZ AP Sample Type: TOC Standard

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 7692634  | -0.284                | 0.716              | 163                 |
| 2     |       |      | 7698420  | 0.095                 | 1.095              | 161                 |
| 3     |       |      | 7833037  | 0.218                 | 1.218              | 170                 |
| 4     |       |      | 7657145  | 0.393                 | 1.393              | 144                 |

<<<Statistics>>> Mean: 7720309 Std Dev: 77335 RSD: 1.00

Sample ID: ICV Mode: TOC  
Method: Boat Sampler Filename: 03281206  
Cal. Curve: TOC SOIL Timestamp: 2022/03/28 12:08  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 950.9266 | 38.0371 | 3641345  | -0.076                | 0.923              | 97                  |

Sample ID: ICV Mode: TOC  
Method: Boat Sampler Filename: 03281211  
Cal. Curve: TOC SOIL Timestamp: 2022/03/28 12:13  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 959.8093 | 38.3924 | 3675359  | -0.227                | 0.773              | 98                  |

Sample ID: ICV Mode: TOC  
Method: Boat Sampler Filename: 03281214  
Cal. Curve: TOC SOIL Timestamp: 2022/03/28 12:17  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 965.0654 | 38.6026 | 3695486  | -0.129                | 0.871              | 97                  |

Sample ID: ICV Mode: TOC  
Method: Boat Sampler Filename: 03281217  
Cal. Curve: TOC SOIL Timestamp: 2022/03/28 12:20  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 928.6105 | 37.1444 | 3555891  | 0.006                 | 1.002              | 99                  |

Sample ID: ICB1 Mode: TOC  
Method: Boat Sampler Filename: 03281224  
Cal. Curve: TOC SOIL Timestamp: 2022/03/28 12:25  
Operator ID: IZ AP Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 20.5748 | 0.8230 | 78786    | -0.495                | 0.494              | 43                  |

```
=====
Sample ID:   ICB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   03281227
Cal. Curve:  TOC SOIL                 Timestamp: 2022/03/28 12:30
Operator ID: IZ AP                    Sample Type: Sample

Rep #      ppm C      ug C      Raw Data      Beginning      Ending      Integration
              Baseline      Baseline      Time
   1         11.1034      0.4441      42518         -0.484         -0.498         120
=====
```

Last Message: Low Sample Detected

```
=====
```

```
Sample ID:   ICB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   03281231
Cal. Curve:  TOC SOIL                 Timestamp: 2022/03/28 12:34
Operator ID: IZ AP                    Sample Type: Sample

Rep #      ppm C      ug C      Raw Data      Beginning      Ending      Integration
              Baseline      Baseline      Time
   1         5.2329      0.2093      20038         -0.445         -0.468         120
=====
```

Last Message: Low Sample Detected

```
=====
```

```
Sample ID:   ICB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   03281235
Cal. Curve:  TOC SOIL                 Timestamp: 2022/03/28 12:38
Operator ID: IZ AP                    Sample Type: Sample

Rep #      ppm C      ug C      Raw Data      Beginning      Ending      Integration
              Baseline      Baseline      Time
   1         8.9380      0.3575      34226         -0.414         -0.536         120
=====
```

Last Message: Low Sample Detected

```
=====
```

Cal. Curve ID:            TOC SOIL  
Created:                2022/03/28 12:01  
Calibration Factor (m): 9.573e+04  
Y Intercept (b):        99635  
r-squared:              0.99959

| Standard ID | Y<br>Raw Data | X Expected<br>ug C | Measured<br>ug C | Message | Date &<br>Time   |
|-------------|---------------|--------------------|------------------|---------|------------------|
| BLANK       | 14651         | 0.000              | -0.888           | —       | 2022/03/28 10:20 |
| 250mg/l     | 1074530       | 10.000             | 10.184           | 1.8     | 2022/03/28 10:46 |
| 500mg/l     | 2082172       | 20.000             | 20.709           | 3.5     | 2022/03/28 11:00 |
| 1000mg/l    | 3966236       | 40.000             | 40.390           | 1.0     | 2022/03/28 11:14 |
| 2000mg/l    | 7720309       | 80.000             | 79.605           | -0.5    | 2022/03/28 11:31 |

RE

3/28/22