

| Sample ID        | Result        | Std. Dev. | RSD | Mode | ALT |
|------------------|---------------|-----------|-----|------|-----|
| CCV1             | 839.0259      |           |     | TOC  |     |
| CCV1             | 899.5166      |           |     | TOC  |     |
| CCV1             | 996.3392      |           |     | TOC  |     |
| CCV1.....        | 983.0045...   | ..        | ... | TOC  | ..  |
| CCB1             | 6.0502        |           |     | TOC  |     |
| CCB1             | 5.3423        |           |     | TOC  |     |
| CCB1.....        | 12.7505...    | ..        | ... | TOC  | ..  |
| CCB1             | 9.2455        |           |     | TOC  |     |
| LB114125BLS      | 12.1649       |           |     | TOC  |     |
| LB114125BLS..... | 9.1663...     | ..        | ... | TOC  | ..  |
| LB114125BLS      | 10.0227       |           |     | TOC  |     |
| LB114125BLS      | 13.5287       |           |     | TOC  |     |
| LB114125BSS..... | 1033.6080...  | ..        | ... | TOC  | ..  |
| LB114125BSS      | 1055.8700     |           |     | TOC  |     |
| LB114125BSS      | 1032.9753     |           |     | TOC  |     |
| LB114125BSS..... | 1004.7540...  | ..        | ... | TOC  | ..  |
| M2116-13         | 3608.7708     |           |     | TOC  |     |
| M2116-13         | 3437.6199     |           |     | TOC  |     |
| M2116-13.....    | 3859.1924...  | ..        | ... | TOC  | ..  |
| M2116-13         | 3797.0227     |           |     | TOC  |     |
| M2116-14         | 2690.0522     |           |     | TOC  |     |
| M2116-14.....    | 2596.1162...  | ..        | ... | TOC  | ..  |
| M2116-14         | 2195.7856     |           |     | TOC  |     |
| M2116-14         | 2443.7222     |           |     | TOC  |     |
| M2116-15.....    | 2581.7717...  | ..        | ... | TOC  | ..  |
| M2116-15         | 2295.1917     |           |     | TOC  |     |
| M2116-15         | 2256.2278     |           |     | TOC  |     |
| M2116-15.....    | 2107.9204...  | ..        | ... | TOC  | ..  |
| M2116-16         | 2268.9080     |           |     | TOC  |     |
| M2116-16         | 2344.7634     |           |     | TOC  |     |
| M2116-16.....    | 1897.1390...  | ..        | ... | TOC  | ..  |
| M2116-16         | 2352.6311     |           |     | TOC  |     |
| M2116-04         | 3744.8767     |           |     | TOC  |     |
| M2116-04.....    | 3480.0500...  | ..        | ... | TOC  | ..  |
| M2116-04         | 3870.0337     |           |     | TOC  |     |
| M2116-04         | 4319.8560     |           |     | TOC  |     |
| M2116-10.....    | 1140.6060...  | ..        | ... | TOC  | ..  |
| M2116-10         | 1433.8484     |           |     | TOC  |     |
| M2116-10         | 1040.7017     |           |     | TOC  |     |
| M2116-10.....    | 1324.1227...  | ..        | ... | TOC  | ..  |
| M2116-10MS       | 2271.0830     |           |     | TOC  |     |
| M2116-10MS       | 2301.8264     |           |     | TOC  |     |
| M2116-10MS.....  | 2180.0361...  | ..        | ... | TOC  | ..  |
| M2116-10MS       | 2260.9590     |           |     | TOC  |     |
| M2116-10MSD      | 2140.1130     |           |     | TOC  |     |
| M2116-10MSD..... | 2340.9622...  | ..        | ... | TOC  | ..  |
| M2116-10MSD      | 2272.7783     |           |     | TOC  |     |
| M2116-10MSD      | 2288.8333     |           |     | TOC  |     |
| CCV2.....        | 1109.9398...  | ..        | ... | TOC  | ..  |
| CCV2             | 1062.6978     |           |     | TOC  |     |
| CCV2             | 1076.7916     |           |     | TOC  |     |
| CCV2.....        | 1004.7039...  | ..        | ... | TOC  | ..  |
| CCB2             | 29.8018       |           |     | TOC  |     |
| CCB2             | 20.6279       |           |     | TOC  |     |
| CCB2.....        | 19.9402...    | ..        | ... | TOC  | ..  |
| CCB2             | 10.1005       |           |     | TOC  |     |
| M2116-01         | 30912.4648    |           |     | TOC  |     |
| M2116-01.....    | 25555.9180... | ..        | ... | TOC  | ..  |
| M2116-01         | 26375.7383    |           |     | TOC  |     |
| M2116-01         | 28993.6641    |           |     | TOC  |     |
| M2116-02.....    | 25808.9277... | ..        | ... | TOC  | ..  |
| M2116-02         | 32477.0977    |           |     | TOC  |     |
| M2116-02         | 35103.6680    |           |     | TOC  |     |
| M2116-02.....    | 32369.7598... | ..        | ... | TOC  | ..  |
| M2116-03         | 25501.2051    |           |     | TOC  |     |
| M2116-03         | 28005.5098    |           |     | TOC  |     |
| M2116-03.....    | 29983.6934... | ..        | ... | TOC  | ..  |
| M2116-03         | 25633.7441    |           |     | TOC  |     |
| M2116-05         | 15893.1797    |           |     | TOC  |     |

|               |               |    |        |    |
|---------------|---------------|----|--------|----|
| M2116-05..... | 14253.0303... | .. | ...TOC | .. |
| M2116-05      | 16716.3652    |    | TOC    |    |
| M2116-05      | 18817.7520    |    | TOC    |    |
| M2116-06..... | 15929.9023... | .. | ...TOC | .. |
| M2116-06      | 15288.5283    |    | TOC    |    |
| M2116-06      | 14541.2793    |    | TOC    |    |
| M2116-06..... | 14984.7549... | .. | ...TOC | .. |
| M2116-07      | 14165.8428    |    | TOC    |    |
| M2116-07      | 13385.3311    |    | TOC    |    |
| M2116-07..... | 15190.6758... | .. | ...TOC | .. |
| M2116-07      | 14696.2148    |    | TOC    |    |
| CCV3          | 945.4969      |    | TOC    |    |
| CCV3.....     | 1057.9709...  | .. | ...TOC | .. |
| CCV3          | 1039.0974     |    | TOC    |    |
| CCV3          | 1046.5378     |    | TOC    |    |
| CCB3.....     | 14.6068...    | .. | ...TOC | .. |
| CCB3          | 4.0482        |    | TOC    |    |
| CCB3          | 8.2365        |    | TOC    |    |
| CCB3.....     | 6.7641...     | .. | ...TOC | .. |

| Method ID |         | Sample Type |    | Vial Timestamp |       | Message      |          |
|-----------|---------|-------------|----|----------------|-------|--------------|----------|
| =====     |         |             |    |                |       |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 08:46 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 08:49 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 08:52 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 08:54 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 08:58 | Low Sample   | Detected |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 09:01 | Low Sample   | Detected |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 09:04 | ..Low Sample | Detected |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 09:07 | Low Sample   | Detected |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 09:10 | Low Sample   | Detected |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 09:13 | ..Low Sample | Detected |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 09:17 | Low Sample   | Detected |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 09:20 | Low Sample   | Detected |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 09:23 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 09:26 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 09:29 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 09:32 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 09:42 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 09:55 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 10:00 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 10:07 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 10:23 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 10:33 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 10:37 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 10:41 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 10:49 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 10:59 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 11:03 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 11:07 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 11:24 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 11:30 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 11:50 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 11:58 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 12:05 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 12:10 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 12:14 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 12:23 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 12:28 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 12:35 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 12:41 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 12:45 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 12:57 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 13:01 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 13:08 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 13:13 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 13:18 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 13:24 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 13:29 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 13:38 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 13:43 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 13:48 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 13:50 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 13:54 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 13:56 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 13:58 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 14:00 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 14:06 | Low Sample   | Detected |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 14:16 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 14:24 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 14:31 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 14:36 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 14:44 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 14:49 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 14:56 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 15:02 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 15:14 |              |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 15:19 |              |          |
| Boat      | Sampler | ...Sample   | .. | ..2021/04/27   | 15:24 | ..           |          |
| Boat      | Sampler | Sample      |    | 2021/04/27     | 15:30 |              |          |

|      |         |     |        |    |              |       |    |                     |
|------|---------|-----|--------|----|--------------|-------|----|---------------------|
| Boat | Sampler |     | Sample |    | 2021/04/27   | 15:36 |    |                     |
| Boat | Sampler | ... | Sample | .. | ..2021/04/27 | 15:41 | .. |                     |
| Boat | Sampler |     | Sample |    | 2021/04/27   | 15:46 |    |                     |
| Boat | Sampler |     | Sample |    | 2021/04/27   | 15:52 |    |                     |
| Boat | Sampler | ... | Sample | .. | ..2021/04/27 | 16:04 | .. |                     |
| Boat | Sampler |     | Sample |    | 2021/04/27   | 16:09 |    |                     |
| Boat | Sampler |     | Sample |    | 2021/04/27   | 16:14 |    |                     |
| Boat | Sampler | ... | Sample | .. | ..2021/04/27 | 16:20 | .. |                     |
| Boat | Sampler |     | Sample |    | 2021/04/27   | 16:27 |    |                     |
| Boat | Sampler |     | Sample |    | 2021/04/27   | 16:30 |    |                     |
| Boat | Sampler | ... | Sample | .. | ..2021/04/27 | 16:34 | .. |                     |
| Boat | Sampler |     | Sample |    | 2021/04/27   | 16:37 |    |                     |
| Boat | Sampler |     | Sample |    | 2021/04/27   | 16:40 |    |                     |
| Boat | Sampler | ... | Sample | .. | ..2021/04/27 | 16:42 | .. |                     |
| Boat | Sampler |     | Sample |    | 2021/04/27   | 16:44 |    |                     |
| Boat | Sampler |     | Sample |    | 2021/04/27   | 16:47 |    |                     |
| Boat | Sampler | ... | Sample | .. | ..2021/04/27 | 16:52 | .. |                     |
| Boat | Sampler |     | Sample |    | 2021/04/27   | 16:55 |    | Low Sample Detected |
| Boat | Sampler |     | Sample |    | 2021/04/27   | 16:59 |    | Low Sample Detected |
| Boat | Sampler | ... | Sample | .. | ..2021/04/27 | 17:02 | .. | Low Sample Detected |

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   04270844
Cal. Curve:  TOC SOIL                 Timestamp:  2021/04/27 08:46
Operator ID: AM AP                    Sample Type: Sample
=====
```

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 839.0259 | 33.5610 | 3162679  | 1.158                 | 2.156              | 70                  |

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```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   04270847
Cal. Curve:  TOC SOIL                 Timestamp:  2021/04/27 08:49
Operator ID: AM AP                    Sample Type: Sample
=====
```

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 899.5166 | 35.9807 | 3390697  | 1.300                 | 2.299              | 81                  |

```
=====
```

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   04270850
Cal. Curve:  TOC SOIL                 Timestamp:  2021/04/27 08:52
Operator ID: AM AP                    Sample Type: Sample
=====
```

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 996.3392 | 39.8536 | 3755667  | 1.445                 | 2.443              | 81                  |

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```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   04270852
Cal. Curve:  TOC SOIL                 Timestamp:  2021/04/27 08:54
Operator ID: AM AP                    Sample Type: Sample
=====
```

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 983.0045 | 39.3202 | 3705401  | 1.526                 | 2.525              | 88                  |

```
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```

```
=====
Sample ID:   CCB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   04270855
Cal. Curve:  TOC SOIL                 Timestamp:  2021/04/27 08:58
Operator ID: AM AP                    Sample Type: Sample
=====
```

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 6.0502 | 0.2420 | 22806    | 1.253                 | 1.090              | 120                 |

```
=====
```

Last Message: Low Sample Detected

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```

```
=====
Sample ID:   CCB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   04270858
Cal. Curve:  TOC SOIL                 Timestamp:  2021/04/27 09:01
Operator ID: AM AP                    Sample Type: Sample
=====
```

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 5.3423 | 0.2137 | 20138    | 1.181                 | 1.108              | 120                 |

```
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```

Last Message: Low Sample Detected

```
=====
```

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB1         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04270902         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 09:04 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 12.7505 | 0.5100 | 48063    | 0.934                 | 1.026              | 120                 |

Last Message: Low Sample Detected

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB1         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04270905         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 09:07 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 9.2455 | 0.3698 | 34850    | 0.864                 | 0.905              | 120                 |

Last Message: Low Sample Detected

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB114125BLS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04270908         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 09:10 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 12.1649 | 0.4866 | 45855    | 0.882                 | 0.916              | 120                 |

Last Message: Low Sample Detected

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB114125BLS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04270911         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 09:13 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 9.1663 | 0.3667 | 34552    | 0.878                 | 1.002              | 120                 |

Last Message: Low Sample Detected

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB114125BLS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04270914         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 09:17 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 10.0227 | 0.4009 | 37780    | 0.843                 | 0.924              | 120                 |

Last Message: Low Sample Detected

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB114125BLS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04270917         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 09:20 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 13.5287 | 0.5411 | 50996    | 0.827                 | 1.762              | 120                 |

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Last Message: Low Sample Detected

=====

Sample ID: LB114125BSS Mode: TOC  
Method: Boat Sampler Filename: 04270921  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 09:23  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1033.6080 | 41.3443 | 3896150  | 0.711                 | 1.709              | 98                  |

=====

Sample ID: LB114125BSS Mode: TOC  
Method: Boat Sampler Filename: 04270924  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 09:26  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1055.8700 | 42.2348 | 3980066  | 0.945                 | 1.944              | 121                 |

=====

Sample ID: LB114125BSS Mode: TOC  
Method: Boat Sampler Filename: 04270927  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 09:29  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1032.9753 | 41.3190 | 3893765  | 1.007                 | 2.007              | 98                  |

=====

Sample ID: LB114125BS Mode: TOC  
S  
Method: Boat Sampler Filename: 04270930  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 09:32  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1004.7540 | 40.1902 | 3787386  | 1.004                 | 2.002              | 90                  |

=====

Sample ID: M2116-13 Mode: TOC  
Method: Boat Sampler Filename: 04270940  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 09:42  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 3608.7708 | 25.2614 | 2380549  | 2.722                 | 3.708              | 75                  |

=====

Sample ID: M2116-13 Mode: TOC  
Method: Boat Sampler Filename: 04270953  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 09:55  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 3437.6199 | 20.6257 | 1943698  | 1.521                 | 2.508              | 75                  |

=====

Sample ID: M2116-13 Mode: TOC

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Method:      | Boat Sampler | Filename:    | 04270958         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 10:00 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 3859.1924 | 33.9609 | 3200360  | 1.223                 | 2.219              | 93                  |

=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-13     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271004         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 10:07 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 3797.0227 | 27.3386 | 2576294  | 1.765                 | 2.757              | 72                  |

=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-14     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271021         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 10:23 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2690.0522 | 28.2455 | 2661766  | 1.054                 | 2.051              | 84                  |

=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-14     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271031         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 10:33 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2596.1162 | 25.4419 | 2397563  | 1.148                 | 2.148              | 82                  |

=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-14     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271035         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 10:37 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2195.7856 | 21.2991 | 2007158  | 1.844                 | 2.833              | 67                  |

=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-14     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271039         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 10:41 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2443.7222 | 22.4822 | 2118651  | 2.320                 | 3.301              | 71                  |

=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-15     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271045         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 10:49 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2581.7717 | 25.5595 | 2408645  | 2.275                 | 3.257              | 71                  |

Sample ID: M2116-15 Mode: TOC  
Method: Boat Sampler Filename: 04271056  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 10:59  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2295.1917 | 22.7224 | 2141282  | 0.986                 | 1.982              | 81                  |

Sample ID: M2116-15 Mode: TOC  
Method: Boat Sampler Filename: 04271101  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 11:03  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2256.2278 | 24.3673 | 2296289  | 0.705                 | 1.703              | 75                  |

Sample ID: M2116-15 Mode: TOC  
Method: Boat Sampler Filename: 04271105  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 11:07  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2107.9204 | 22.7655 | 2145348  | 2.055                 | 3.047              | 74                  |

Sample ID: M2116-16 Mode: TOC  
Method: Boat Sampler Filename: 04271121  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 11:24  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2268.9080 | 22.4622 | 2116761  | 0.890                 | 1.882              | 122                 |

Sample ID: M2116-16 Mode: TOC  
Method: Boat Sampler Filename: 04271128  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 11:30  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2344.7634 | 22.0408 | 2077049  | 0.693                 | 1.688              | 80                  |

Sample ID: M2116-16 Mode: TOC  
Method: Boat Sampler Filename: 04271148  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 11:50  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1897.1390 | 18.0228 | 1698410  | 1.738                 | 2.732              | 69                  |

Sample ID: M2116-16 Mode: TOC  
Method: Boat Sampler Filename: 04271155  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 11:58  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2352.6311 | 24.4674 | 2305722  | 0.739                 | 1.738              | 90                  |

```

=====
Sample ID:      M2116-04
Method:         Boat Sampler
Cal. Curve:     TOC SOIL
Operator ID:    AM AP
Mode:           TOC
Filename:       04271203
Timestamp:      2021/04/27 12:05
Sample Type:    Sample
  
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 3744.8767 | 29.9590 | 2823237  | 1.110                 | 2.108              | 77                  |

```

=====
Sample ID:      M2116-04
Method:         Boat Sampler
Cal. Curve:     TOC SOIL
Operator ID:    AM AP
Mode:           TOC
Filename:       04271207
Timestamp:      2021/04/27 12:10
Sample Type:    Sample
  
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 3480.0500 | 39.6726 | 3738610  | 1.423                 | 2.421              | 91                  |

```

=====
Sample ID:      M2116-04
Method:         Boat Sampler
Cal. Curve:     TOC SOIL
Operator ID:    AM AP
Mode:           TOC
Filename:       04271212
Timestamp:      2021/04/27 12:14
Sample Type:    Sample
  
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 3870.0337 | 35.9913 | 3391701  | 1.981                 | 2.979              | 92                  |

```

=====
Sample ID:      M2116-04
Method:         Boat Sampler
Cal. Curve:     TOC SOIL
Operator ID:    AM AP
Mode:           TOC
Filename:       04271221
Timestamp:      2021/04/27 12:23
Sample Type:    Sample
  
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 4319.8560 | 46.6544 | 4396558  | 1.834                 | 2.827              | 87                  |

```

=====
Sample ID:      M2116-10
Method:         Boat Sampler
Cal. Curve:     TOC SOIL
Operator ID:    AM AP
Mode:           TOC
Filename:       04271226
Timestamp:      2021/04/27 12:28
Sample Type:    Sample
  
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1140.6060 | 11.1779 | 1053371  | 1.863                 | 2.860              | 64                  |

```

=====
Sample ID:      M2116-10
Method:         Boat Sampler
Cal. Curve:     TOC SOIL
Operator ID:    AM AP
Mode:           TOC
Filename:       04271233
Timestamp:      2021/04/27 12:35
Sample Type:    Sample
  
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1433.8484 | 32.4050 | 3053736  | 1.185                 | 2.184              | 102                 |

```

=====
  
```

Sample ID: M2116-10 Mode: TOC  
Method: Boat Sampler Filename: 04271238  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 12:41  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1040.7017 | 25.1850 | 2373348  | 2.441                 | 3.432              | 99                  |

Sample ID: M2116-10 Mode: TOC  
Method: Boat Sampler Filename: 04271243  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 12:45  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1324.1227 | 29.7928 | 2807570  | 1.847                 | 2.841              | 80                  |

Sample ID: M2116-10MS Mode: TOC  
Method: Boat Sampler Filename: 04271254  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 12:57  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2271.0830 | 44.2861 | 4173375  | 1.262                 | 2.255              | 100                 |

Sample ID: M2116-10MS Mode: TOC  
Method: Boat Sampler Filename: 04271259  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 13:01  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2301.8264 | 39.3612 | 3709270  | 2.151                 | 3.142              | 88                  |

Sample ID: M2116-10MS Mode: TOC  
Method: Boat Sampler Filename: 04271306  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 13:08  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2180.0361 | 42.5107 | 4006066  | 3.684                 | 4.684              | 75                  |

Sample ID: M2116-10MS Mode: TOC  
Method: Boat Sampler Filename: 04271311  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 13:13  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 2260.9590 | 44.3148 | 4176078  | 1.432                 | 2.426              | 89                  |

Sample ID: M2116-10MSD Mode: TOC  
Method: Boat Sampler Filename: 04271314  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 13:18  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C | ug C | Raw Data | Beginning | Ending | Integration |
|-------|-------|------|----------|-----------|--------|-------------|
|-------|-------|------|----------|-----------|--------|-------------|

|   |           |         |         |                   |                   |            |
|---|-----------|---------|---------|-------------------|-------------------|------------|
| 1 | 2140.1130 | 45.3704 | 4275554 | Baseline<br>1.671 | Baseline<br>2.670 | Time<br>87 |
|---|-----------|---------|---------|-------------------|-------------------|------------|

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-10MSD  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271321         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 13:24 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

|       |           |         |          |                       |                    |                     |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1     | 2340.9622 | 57.8218 | 5448929  | 1.426                 | 2.425              | 104                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-10MSD  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271327         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 13:29 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

|       |           |         |          |                       |                    |                     |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1     | 2272.7783 | 45.4556 | 4283580  | 0.700                 | 1.699              | 101                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-10MSD  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271336         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 13:38 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

|       |           |         |          |                       |                    |                     |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1     | 2288.8333 | 39.5968 | 3731471  | 1.549                 | 2.545              | 86                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCV2         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271341         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 13:43 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

|       |           |         |          |                       |                 |                     |
|-------|-----------|---------|----------|-----------------------|-----------------|---------------------|
| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Basel | Integration<br>Time |
| 1     | 1109.9398 | 44.3976 | 4183880  | 1.933                 | 2.931           | 82                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCV2         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271343         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 13:48 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

|       |           |         |          |                       |                    |                     |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1     | 1062.6978 | 42.5079 | 4005803  | 0.955                 | 1.955              | 202                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCV2         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271348         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 13:50 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

|       |           |         |          |                       |                    |                     |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1     | 1076.7916 | 43.0717 | 4058929  | 1.386                 | 2.384              | 95                  |

|            |      |       |     |
|------------|------|-------|-----|
| Sample ID: | CCV2 | Mode: | TOC |
|------------|------|-------|-----|

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Method:      | Boat Sampler | Filename:    | 04271351         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 13:54 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1004.7039 | 40.1882 | 3787197  | 1.496                 | 2.495              | 155                 |

=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB2         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271355         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 13:56 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 29.8018 | 1.1921 | 112337   | 1.607                 | 2.606              | 53                  |

=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB2         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271357         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 13:58 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 20.6279 | 0.8251 | 77756    | 1.089                 | 2.089              | 42                  |

=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB2         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271359         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 14:00 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 19.9402 | 0.7976 | 75164    | 0.789                 | 1.783              | 45                  |

=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB2         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271404         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 14:06 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 10.1005 | 0.4040 | 38074    | 0.579                 | 0.585              | 120                 |

-----

Last Message: Low Sample Detected

=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-01     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271413         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 14:16 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 30912.4648 | 129.8324 | 12234965 | 0.543                 | 1.542              | 190                 |

=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-01     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271417         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 14:24 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C | ug C | Raw Data | Beginning | Ending | Integration |
|-------|-------|------|----------|-----------|--------|-------------|
|-------|-------|------|----------|-----------|--------|-------------|

|   |            |          |          | Baseline | Baseline | Time |
|---|------------|----------|----------|----------|----------|------|
| 1 | 25555.9180 | 178.8914 | 16858128 | 0.550    | 1.549    | 226  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-01     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271425         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 14:31 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 26375.7383 | 163.5296 | 15410478 | 1.301                 | 2.299              | 177                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-01     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271432         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 14:36 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 28993.6641 | 142.0690 | 13388101 | 2.224                 | 3.221              | 139                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-02     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271440         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 14:44 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 25808.9277 | 170.3389 | 16052168 | 1.940                 | 2.939              | 164                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-02     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271444         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 14:49 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 32477.0977 | 133.1561 | 12548184 | 1.393                 | 2.392              | 155                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-02     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271452         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 14:56 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 35103.6680 | 164.9872 | 15547844 | 1.531                 | 2.528              | 176                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-02     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271458         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 15:02 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 32369.7598 | 181.2707 | 17082338 | 2.347                 | 3.343              | 166                 |

|            |              |           |          |
|------------|--------------|-----------|----------|
| Sample ID: | M2116-03     | Mode:     | TOC      |
| Method:    | Boat Sampler | Filename: | 04271510 |

Timestamp: 2021/04/27 15:14  
Sample Type: Sample

|              |              |              |          |
|--------------|--------------|--------------|----------|
| Sample ID:   | M2116-03     | Mode:        | TOC      |
| Method:      | Boat Sampler | Filename:    | 04271515 |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/    |
| 04/27 15:19  |              |              |          |
| Operator ID: | AM AP        | Sample Type: | Sample   |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-03     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271520         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 15:24 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-03     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271526         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 15:30 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-05     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271533         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 15:36 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-05     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271538         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 15:41 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-05     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271543         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 15:46 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C      | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 16716.3652 | 93.6116 | 8821647  | 3.240                 | 4.239              | 111                 |

Sample ID: M2116-05 Mode: TOC  
Method: Boat Sampler Filename: 04271548  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 15:52  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 18817.7520 | 103.4976 | 9753269  | 2.380                 | 3.378              | 120                 |

Sample ID: M2116-06 Mode: TOC  
Method: Boat Sampler Filename: 04271601  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 16:04  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C      | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 15929.9023 | 98.7654 | 9307319  | 2.928                 | 3.923              | 125                 |

Sample ID: M2116-06 Mode: TOC  
Method: Boat Sampler Filename: 04271606  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 16:09  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C      | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 15288.5283 | 96.3177 | 9076659  | 2.186                 | 3.181              | 129                 |

Sample ID: M2116-06 Mode: TOC  
Method: Boat Sampler Filename: 04271611  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 16:14  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 14541.2793 | 101.7890 | 9592249  | 2.719                 | 3.715              | 128                 |

Sample ID: M2116-06 Mode: TOC  
Method: Boat Sampler Filename: 04271617  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 16:20  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C      | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 14984.7549 | 89.9085 | 8472678  | 3.389                 | 4.381              | 114                 |

Sample ID: M2116-07 Mode: TOC  
Method: Boat Sampler Filename: 04271624  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 16:27  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C      | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 14165.8428 | 94.9111 | 8944108  | 3.184                 | 4.183              | 110                 |

Sample ID: M2116-07 Mode: TOC  
Method: Boat Sampler Filename: 04271628  
Cal. Curve: TOC SOIL Timestamp: 2021/04/27 16:30  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C      | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 13385.3311 | 73.6193 | 6937637  | 7.862                 | 8.832              | 73                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-07     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271631         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 16:34 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C      | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 15190.6758 | 92.6631 | 8732262  | 2.615                 | 3.609              | 101                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | M2116-07     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271634         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 16:37 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C      | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 14696.2148 | 94.0558 | 8863500  | 2.802                 | 3.796              | 106                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCV3         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271638         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 16:40 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 945.4969 | 37.8199 | 3564018  | 6.181                 | 7.152              | 63                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCV3         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271640         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 16:42 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1057.9709 | 42.3188 | 3987985  | 1.791                 | 2.787              | 76                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCV3         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271643         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 16:44 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1039.0974 | 41.5639 | 3916842  | 1.611                 | 2.607              | 82                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCV3         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271645         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 16:47 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1046.5378 | 41.8615 | 3944889  | 1.476                 | 2.476              | 83                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB3         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271651         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 16:52 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 14.6068 | 0.5843 | 55060    | 0.995                 | 1.993              | 45                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB3         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271652         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 16:55 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 4.0482 | 0.1619 | 15260    | 0.967                 | 1.027              | 120                 |

Last Message: Low Sample Detected

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB3         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271656         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 16:59 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 8.2365 | 0.3295 | 31047    | 0.899                 | 0.996              | 120                 |

Last Message: Low Sample Detected

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB3         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 04271659         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/04/27 17:02 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 6.7641 | 0.2706 | 25497    | 0.859                 | 0.979              | 120                 |

Last Message: Low Sample Detected

| Sample ID    | Result       | Std. Dev. | RSD     | Mode   | ALT |
|--------------|--------------|-----------|---------|--------|-----|
| blank        | 45159        | 53873     | 119.30  | TOC    |     |
| 250PPM       | 985127       | 44475     | 4.51    | TOC    |     |
| 500PPM       | 2130006      | 53780     | 2.52    | TOC    |     |
| 1000PPM..... | 4119882...   | 32270..   | 0.78... | TOC    | ..  |
| 2000PPM      | 7562102      | 135712    | 1.79    | TOC    |     |
| ICV          | 1006.0791    |           |         | TOC    |     |
| ICV.....     | 1022.2067... | ..        | ..      | ...TOC | ..  |
| ICV          | 1032.3977    |           |         | TOC    |     |
| ICV          | 1016.8167    |           |         | TOC    |     |
| ICB.....     | 7.0720...    | ..        | ..      | ...TOC | ..  |
| ICB          | 12.9405      |           |         | TOC    |     |
| ICB          | 4.0372       |           |         | TOC    |     |
| ICB.....     | 4.7803...    | ..        | ..      | ...TOC | ..  |

| Method ID |         | Sample Type |              | Vial Timestamp |              | Message |                       |
|-----------|---------|-------------|--------------|----------------|--------------|---------|-----------------------|
| =====     |         |             |              |                |              |         |                       |
| Boat      | Sampler | TOC         | Standard     | 2021/03/25     | 11:04        | Low     | Sample Detected       |
| Boat      | Sampler | TOC         | Standard     | 2021/03/25     | 11:14        |         |                       |
| Boat      | Sampler | TOC         | Standard     | 2021/03/25     | 11:25        |         |                       |
| Boat      | Sampler | ...         | TOC Standard | ..             | ..2021/03/25 | 11:36   | ..                    |
| Boat      | Sampler |             | TOC Standard |                | 2021/03/25   | 11:50   |                       |
| Boat      | Sampler |             | Sample       |                | 2021/03/25   | 11:57   |                       |
| Boat      | Sampler | ...         | Sample       | ..             | ..2021/03/25 | 12:00   | ..                    |
| Boat      | Sampler |             | Sample       |                | 2021/03/25   | 12:05   |                       |
| Boat      | Sampler |             | Sample       |                | 2021/03/25   | 12:08   |                       |
| Boat      | Sampler | ...         | Sample       | ..             | ..2021/03/25 | 12:12   | ..Low Sample Detected |
| Boat      | Sampler |             | Sample       |                | 2021/03/25   | 12:15   | Low Sample Detected   |
| Boat      | Sampler |             | Sample       |                | 2021/03/25   | 12:18   | Low Sample Detected   |
| Boat      | Sampler | ...         | Sample       | ..             | ..2021/03/25 | 12:22   | ..Low Sample Detected |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | blank        | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 03251055         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/03/25 11:04 |
| Operator ID: | AM AP        | Sample Type: | TOC Standard     |

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 9699     | -0.671                | -0.809             | 120                 |
| 2     |       |      | 120777   | -0.857                | 0.141              | 54                  |
| 3     |       |      | 3574     | -0.777                | -0.846             | 120                 |
| 4     |       |      | 46587    | -0.438                | 0.560              | 39                  |

Last Message: Low Sample Detected

```
<<<Statistics>>>      Mean:      45159      Std Dev:      53873      RSD: 119.30
```

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 250PPM       | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 03251105         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/03/25 11:14 |
| Operator ID: | AM AP        | Sample Type: | TOC Standard     |

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 919244   | -0.878                | 0.121              | 62                  |
| 2     |       |      | 1016194  | -0.737                | 0.259              | 67                  |
| 3     |       |      | 1005884  | -0.822                | 0.172              | 68                  |
| 4     |       |      | 999185   | -0.846                | 0.151              | 68                  |

```
<<<Statistics>>>      Mean:      985127      Std Dev:      44475      RSD: 4.51
```

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 500PPM       | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 03251116         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/03/25 11:25 |
| Operator ID: | AM AP        | Sample Type: | TOC Standard     |

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 2120691  | -0.846                | 0.154              | 84                  |
| 2     |       |      | 2154217  | -0.692                | 0.305              | 76                  |
| 3     |       |      | 2059736  | -0.623                | 0.372              | 78                  |
| 4     |       |      | 2185378  | -0.702                | 0.296              | 80                  |

```
<<<Statistics>>>      Mean:  2130006      Std Dev:    53780      RSD: 2.52
```

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 1000PPM      | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 03251126         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/03/25 11:36 |
| Operator ID: | AM AP        | Sample Type: | TOC Standard     |

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 4128314  | -0.956                | 0.042              | 105                 |
| 2     |       |      | 4138165  | -0.576                | 0.420              | 96                  |
| 3     |       |      | 4072159  | -0.371                | 0.624              | 88                  |
| 4     |       |      | 4140889  | -0.441                | 0.558              | 93                  |

```
<<<Statistics>>>      Mean:   4119882      Std Dev:   32270      RSD: 0.78
```

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 2000PPM      | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 03251137         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/03/25 11:50 |
| Operator ID: | AM AP        | Sample Type: | TOC Standard     |

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 7398362  | -0.700                | 0.300              | 131                 |
| 2     |       |      | 7673630  | -0.478                | 0.520              | 126                 |
| 3     |       |      | 7502649  | -0.207                | 0.793              | 116                 |
| 4     |       |      | 7673768  | -0.090                | 0.908              | 130                 |

<<<Statistics>>> Mean: 7562102 Std Dev: 135712 RSD: 1.79

Sample ID: ICV Mode: TOC  
Method: Boat Sampler Filename: 03251154  
Cal. Curve: TOC SOIL Timestamp: 2021/03/25 11:57  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1006.0791 | 40.2432 | 3792381  | -0.965                | 0.034              | 101                 |

Sample ID: ICV Mode: TOC  
Method: Boat Sampler Filename: 03251158  
Cal. Curve: TOC SOIL Timestamp: 2021/03/25 12:00  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1022.2067 | 40.8883 | 3853173  | -0.727                | 0.271              | 93                  |

Sample ID: ICV Mode: TOC  
Method: Boat Sampler Filename: 03251202  
Cal. Curve: TOC SOIL Timestamp: 2021/03/25 12:05  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1032.3977 | 41.2959 | 3891588  | -0.896                | 0.103              | 100                 |

Sample ID: ICV Mode: TOC  
Method: Boat Sampler Filename: 03251205  
Cal. Curve: TOC SOIL Timestamp: 2021/03/25 12:08  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1016.8167 | 40.6727 | 3832856  | -0.698                | 0.302              | 91                  |

Sample ID: ICB Mode: TOC  
Method: Boat Sampler Filename: 03251208  
Cal. Curve: TOC SOIL Timestamp: 2021/03/25 12:12  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 7.0720 | 0.2829 | 26658    | -0.832                | -0.941             | 120                 |

Last Message: Low Sample Detected

Sample ID: ICB Mode: TOC  
Method: Boat Sampler Filename: 03251212  
Cal. Curve: TOC SOIL Timestamp: 2021/03/25 12:15  
Operator ID: AM AP Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 12.9405 | 0.5176 | 48779    | -0.956                | -0.994             | 120                 |

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Last Message: Low Sample Detected  
=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | ICB          | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 03251216         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/03/25 12:18 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 4.0372 | 0.1615 | 15218    | -1.022                | -1.019             | 120                 |

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Last Message: Low Sample Detected  
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|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | ICB          | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 03251219         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2021/03/25 12:22 |
| Operator ID: | AM AP        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 4.7803 | 0.1912 |          |                       |                    |                     |
| 18019 | -1.020 | -1.027 | 120      |                       |                    |                     |

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

Cal. Curve ID: TOC SOIL  
 Created: 2021/03/25 11:50  
 Calibration Factor (m): 9.424e+04  
 Y Intercept (b): 141356  
 r-squared: 0.99754

| Standard ID | Y<br>Raw Data | X Expected<br>ug C | Measured<br>ug C | Message | %D | Date &<br>Time   |
|-------------|---------------|--------------------|------------------|---------|----|------------------|
| blank       | 45159         | 0.000              | -1.021           |         | -  | 2021/03/25 11:04 |
| 250PPM      | 985127        | 10.000             | 8.954            |         | 10 | 2021/03/25 11:14 |
| 500PPM      | 2130006       | 20.000             | 21.103           |         | -6 | 2021/03/25 11:25 |
| 1000PPM     | 4119882       | 40.000             | 42.218           |         | -6 | 2021/03/25 11:36 |
| 2000PPM     | 7562102       | 80.000             | 78.746           |         | 2  | 2021/03/25 11:50 |

03/25/2021  
 AM

| CHEMTECH                  |             |              | Analyst              | AM        |                                                                                                                                                    |
|---------------------------|-------------|--------------|----------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| SOP ID: MLLOYD KAHN-TOC   |             |              | Date:                | 4/27/2021 |                                                                                                                                                    |
| QA Control Code: A2040083 |             |              | Balance ID :         | WC SC-5   |                                                                                                                                                    |
| Sample ID                 | Weight (mg) | Result (PPM) | Average-Result (PPM) | RSD       | stddV                                                                                                                                              |
| CCV1                      | 40          | 839          | 929                  | 7.96      | < RL                                                                                                                                               |
| CCV1                      | 40          | 899          |                      |           |                                                                                                                                                    |
| CCV1                      | 40          | 996          |                      |           |                                                                                                                                                    |
| CCV1                      | 40          | 983          |                      |           |                                                                                                                                                    |
| CCB1                      | 40          | 6.05         | 8                    | 40.44     |                                                                                                                                                    |
| CCB1                      | 40          | 5.34         |                      |           |                                                                                                                                                    |
| CCB1                      | 40          | 12.7         |                      |           |                                                                                                                                                    |
| CCB1                      | 40          | 9.24         |                      |           |                                                                                                                                                    |
| LB114125BLS               | 40          | 12.1         | 11                   | 17.51     |                                                                                                                                                    |
| LB114125BLS               | 40          | 9.2          |                      |           |                                                                                                                                                    |
| LB114125BLS               | 40          | 10           |                      |           |                                                                                                                                                    |
| LB114125BLS               | 40          | 13.5         |                      |           |                                                                                                                                                    |
| LB114125BSS               | 40          | 1034         | 1032                 | 2.02      |                                                                                                                                                    |
| LB114125BSS               | 40          | 1056         |                      |           |                                                                                                                                                    |
| LB114125BSS               | 40          | 1033         |                      |           |                                                                                                                                                    |
| LB114125BSS               | 40          | 1005         |                      |           |                                                                                                                                                    |
| M2116-13                  | 7           | 3609         | 3676                 | 5.19      | 190.84<br>which is<br>less than<br>3X2874.86<br>=8624.58<br>* 2874.86 is<br>STDEV<br>for 15 replicates<br>I5026-02<br>SAMPLE<br>run on<br>9/8/2017 |
| M2116-13                  | 6           | 3438         |                      |           |                                                                                                                                                    |
| M2116-13                  | 8.8         | 3859         |                      |           |                                                                                                                                                    |
| M2116-13                  | 7.2         | 3797         |                      |           |                                                                                                                                                    |
| M2116-14                  | 10.4        | 2690         | 2481                 | 8.71      |                                                                                                                                                    |
| M2116-14                  | 9.8         | 2596         |                      |           |                                                                                                                                                    |
| M2116-14                  | 9.7         | 2195         |                      |           |                                                                                                                                                    |
| M2116-14                  | 9.2         | 2444         |                      |           |                                                                                                                                                    |
| M2116-15                  | 9.9         | 2581         | 2310                 | 8.58      |                                                                                                                                                    |
| M2116-15                  | 9.9         | 2295         |                      |           |                                                                                                                                                    |
| M2116-15                  | 10.8        | 2256         |                      |           |                                                                                                                                                    |
| M2116-15                  | 10.8        | 2107         |                      |           |                                                                                                                                                    |
| M2116-16                  | 9.9         | 2268         | 2216                 | 9.74      |                                                                                                                                                    |
| M2116-16                  | 9.4         | 2344         |                      |           |                                                                                                                                                    |
| M2116-16                  | 9.5         | 1897         |                      |           |                                                                                                                                                    |
| M2116-16                  | 10.4        | 2353         |                      |           |                                                                                                                                                    |
| M2116-04                  | 8           | 3745         | 3854                 | 9.10      |                                                                                                                                                    |
| M2116-04                  | 11.4        | 3480         |                      |           |                                                                                                                                                    |
| M2116-04                  | 9.4         | 3870         |                      |           |                                                                                                                                                    |
| M2116-04                  | 10.8        | 4320         |                      |           |                                                                                                                                                    |
| M2116-10                  | 9.8         | 1140         | 1234                 | 14.35     |                                                                                                                                                    |
| M2116-10                  | 22.6        | 1433         |                      |           |                                                                                                                                                    |
| M2116-10                  | 24.2        | 1040         |                      |           |                                                                                                                                                    |
| M2116-10                  | 22.5        | 1324         |                      |           |                                                                                                                                                    |
| M2116-10MS                | 19.5        | 2271         | 2251                 | 2.80      |                                                                                                                                                    |
| M2116-10MS                | 17.1        | 2301         |                      |           |                                                                                                                                                    |
| M2116-10MS                | 19.5        | 2180         |                      |           |                                                                                                                                                    |
| M2116-10MS                | 19.6        | 2260         |                      |           |                                                                                                                                                    |
| M2116-10MSD               | 21.2        | 2140         | 2260                 | 3.26      |                                                                                                                                                    |

| Sample ID   | Weight (mg) | Result (PPM) | Average-Result (PPM) | RSD   | stdv |
|-------------|-------------|--------------|----------------------|-------|------|
| M2116-10MSD | 24.7        | 2340         |                      |       | < RL |
| M2116-10MSD | 20          | 2272         |                      |       |      |
| M2116-10MSD | 17.3        | 2288         |                      |       |      |
| CCV2        | 40          | 1109         | 1063                 | 4.13  |      |
| CCV2        | 40          | 1062         |                      |       |      |
| CCV2        | 40          | 1076         |                      |       |      |
| CCV2        | 40          | 1004         |                      |       |      |
| CCB2        | 40          | 29.8         | 20                   | 40.05 |      |
| CCB2        | 40          | 20.6         |                      |       |      |
| CCB2        | 40          | 19.9         |                      |       |      |
| CCB2        | 40          | 10.1         |                      |       |      |
| M2116-01    | 4.2         | 30912        | 27959                | 8.78  | OR   |
| M2116-01    | 7           | 25555        |                      |       |      |
| M2116-01    | 6.2         | 26375        |                      |       |      |
| M2116-01    | 4.9         | 28993        |                      |       |      |
| M2116-02    | 6.6         | 25808        | 31439                | 12.60 | OR   |
| M2116-02    | 4.1         | 32477        |                      |       |      |
| M2116-02    | 4.7         | 35103        |                      |       |      |
| M2116-02    | 5.6         | 32369        |                      |       |      |
| M2116-03    | 6.4         | 25501        | 27281                | 7.84  | OR   |
| M2116-03    | 5.3         | 28006        |                      |       |      |
| M2116-03    | 5.2         | 29984        |                      |       |      |
| M2116-03    | 6           | 25634        |                      |       |      |
| M2116-05    | 5.9         | 15893        | 16420                | 11.56 | OR   |
| M2116-05    | 7.1         | 14253        |                      |       |      |
| M2116-05    | 5.6         | 16716        |                      |       |      |
| M2116-05    | 5.5         | 18817        |                      |       |      |
| M2116-06    | 6.2         | 15929        | 15186                | 3.84  | OR   |
| M2116-06    | 6.1         | 15289        |                      |       |      |
| M2116-06    | 7           | 14541        |                      |       |      |
| M2116-06    | 6           | 14984        |                      |       |      |
| M2116-07    | 6.7         | 14165        | 14359                | 5.38  | OR   |
| M2116-07    | 5.5         | 13385        |                      |       |      |
| M2116-07    | 6.1         | 15190        |                      |       |      |
| M2116-07    | 6.4         | 14696        |                      |       |      |
| CCV3        | 40          | 945          | 1022                 | 5.06  | < RL |
| CCV3        | 40          | 1057         |                      |       |      |
| CCV3        | 40          | 1039         |                      |       |      |
| CCV3        | 40          | 1046         |                      |       |      |
| CCB3        | 40          | 14.6         | 8                    | 53.42 |      |
| CCB3        | 40          | 4            |                      |       |      |
| CCB3        | 40          | 8.2          |                      |       |      |
| CCB3        | 40          | 6.8          |                      |       |      |