

| Sample ID         | Result        | Std. Dev. | RSD | Mode | ALT |
|-------------------|---------------|-----------|-----|------|-----|
| CCV1              | 1066.6910     |           |     | TOC  |     |
| CCV1              | 1023.2222     |           |     | TOC  |     |
| CCV1              | 1107.5186     |           |     | TOC  |     |
| CCV1.....         | 1097.4457...  | ..        | ... | TOC  | ..  |
| CCB1              | 8.4067        |           |     | TOC  |     |
| CCB1              | 2.4586        |           |     | TOC  |     |
| CCB1.....         | 30.6668...    | ..        | ... | TOC  | ..  |
| CCB1              | 7.0312        |           |     | TOC  |     |
| LB127678BSL       | 5.4853        |           |     | TOC  |     |
| LB127678BSL.....  | 5.3257...     | ..        | ... | TOC  | ..  |
| LB127678BSL       | 3.3214        |           |     | TOC  |     |
| LB127678BSL       | 13.3975       |           |     | TOC  |     |
| LB127678BSS.....  | 1058.3969...  | ..        | ... | TOC  | ..  |
| LB127678BSS       | 980.0417      |           |     | TOC  |     |
| LB127678BSS       | 1109.8068     |           |     | TOC  |     |
| LB127678BSS.....  | 1049.1727...  | ..        | ... | TOC  | ..  |
| 04629-01          | 9409.7305     |           |     | TOC  |     |
| 04629-01          | 7273.3765     |           |     | TOC  |     |
| 04629-01.....     | 6379.5952...  | ..        | ... | TOC  | ..  |
| 04629-01          | 7291.9482     |           |     | TOC  |     |
| 04629-02          | 26305.8438    |           |     | TOC  |     |
| 04629-02.....     | 30758.6504... | ..        | ... | TOC  | ..  |
| 04629-02          | 30323.2305    |           |     | TOC  |     |
| 04629-02          | 27866.4160    |           |     | TOC  |     |
| 04629-03.....     | 5699.9785...  | ..        | ... | TOC  | ..  |
| 04629-03          | 5146.0259     |           |     | TOC  |     |
| 04629-03          | 6027.5601     |           |     | TOC  |     |
| 04629-03.....     | 6655.9541...  | ..        | ... | TOC  | ..  |
| 04629-04          | 33364.4141    |           |     | TOC  |     |
| 04629-04          | 33969.0742    |           |     | TOC  |     |
| 04629-04.....     | 34465.8281... | ..        | ... | TOC  | ..  |
| 04629-04          | 31183.1582    |           |     | TOC  |     |
| 04629-05          | 5775.8115     |           |     | TOC  |     |
| 04629-05.....     | 5659.1133...  | ..        | ... | TOC  | ..  |
| 04629-05          | 5312.6060     |           |     | TOC  |     |
| 04629-05          | 4711.9307     |           |     | TOC  |     |
| 04629-06.....     | 6470.2207...  | ..        | ... | TOC  | ..  |
| 04629-06          | 5933.7559     |           |     | TOC  |     |
| 04629-06          | 7480.2129     |           |     | TOC  |     |
| 04629-06.....     | 5287.0176...  | ..        | ... | TOC  | ..  |
| 04629-07          | 6020.4341     |           |     | TOC  |     |
| 04629-07          | 6411.7646     |           |     | TOC  |     |
| 04629-07.....     | 4024.8699...  | ..        | ... | TOC  | ..  |
| 04629-07          | 5071.3169     |           |     | TOC  |     |
| CCV2              | 1043.4788     |           |     | TOC  |     |
| CCV2.....         | 1064.8252...  | ..        | ... | TOC  | ..  |
| CCV2              | 1067.7859     |           |     | TOC  |     |
| CCV2              | 1118.4392     |           |     | TOC  |     |
| CCB2.....         | 26.5154...    | ..        | ... | TOC  | ..  |
| CCB2              | 7.5874        |           |     | TOC  |     |
| CCB2              | 23.2766       |           |     | TOC  |     |
| CCB2.....         | 20.6508...    | ..        | ... | TOC  | ..  |
| CCV3              | 973.0791      |           |     | TOC  |     |
| CCV3              | 1035.2028     |           |     | TOC  |     |
| CCV3.....         | 1028.0042...  | ..        | ... | TOC  | ..  |
| CCV3              | 985.5294      |           |     | TOC  |     |
| CCB3              | 18.5962       |           |     | TOC  |     |
| CCB3.....         | 2.9985...     | ..        | ... | TOC  | ..  |
| CCB3              | 10.6071       |           |     | TOC  |     |
| CCB3              | 4.7368        |           |     | TOC  |     |
| LB127678BLS2..... | 11.5278...    | ..        | ... | TOC  | ..  |
| LB127678BLS2      | 8.6942        |           |     | TOC  |     |
| LB127678BLS2      | 9.6649        |           |     | TOC  |     |
| LB127678BLS2..... | 9.0905...     | ..        | ... | TOC  | ..  |

|                   |               |    |        |    |
|-------------------|---------------|----|--------|----|
| LB127678BSS2      | 1091.5396     |    | TOC    |    |
| LB127678BSS2      | 1028.2125     |    | TOC    |    |
| LB127678BSS2..... | 1032.4471...  | .. | ...TOC | .. |
| LB127678BSS2      | 1102.0667     |    | TOC    |    |
| 04629-08          | 14263.9248    |    | TOC    |    |
| 04629-08.....     | 14988.9287... | .. | ...TOC | .. |
| 04629-08          | 17368.4277    |    | TOC    |    |
| 04629-08          | 17601.2246    |    | TOC    |    |
| 04629-09.....     | 8225.9697...  | .. | ...TOC | .. |
| 04629-09          | 5959.8643     |    | TOC    |    |
| 04629-09          | 5670.5210     |    | TOC    |    |
| 04629-09.....     | 6493.8379...  | .. | ...TOC | .. |
| 04629-10          | 8177.1387     |    | TOC    |    |
| 04629-10          | 6989.3682     |    | TOC    |    |
| 04629-10.....     | 6010.4131...  | .. | ...TOC | .. |
| 04629-10          | 6224.7305     |    | TOC    |    |
| 04630-01          | 40702.8711    |    | TOC    |    |
| 04630-01.....     | 38843.3594... | .. | ...TOC | .. |
| 04630-01          | 44145.4531    |    | TOC    |    |
| 04630-01          | 38977.7734    |    | TOC    |    |
| 04630-03.....     | 37913.1406... | .. | ...TOC | .. |
| 04630-03          | 42191.1641    |    | TOC    |    |
| 04630-03          | 36014.6758    |    | TOC    |    |
| 04630-03.....     | 45277.3984... | .. | ...TOC | .. |
| 04630-02          | 5874.5791     |    | TOC    |    |
| 04630-02          | 4900.7710     |    | TOC    |    |
| 04630-02.....     | 6078.0234...  | .. | ...TOC | .. |
| 04630-02          | 5042.6050     |    | TOC    |    |
| CCV4              | 922.1774      |    | TOC    |    |
| CCV4.....         | 960.3302...   | .. | ...TOC | .. |
| CCV4              | 1097.1537     |    | TOC    |    |
| CCV4              | 1010.3919     |    | TOC    |    |
| CCB4.....         | 5.0936...     | .. | ...TOC | .. |
| CCB4              | 14.5552       |    | TOC    |    |
| CCB4              | 0.0327        |    | TOC    |    |
| CCB4.....         | 10.0361...    | .. | ...TOC | .. |
| CCV5              | 1023.4175     |    | TOC    |    |
| CCV5              | 1069.3953     |    | TOC    |    |
| CCV5.....         | 1085.3134...  | .. | ...TOC | .. |
| CCV5              | 1142.8494     |    | TOC    |    |
| CCB5              | 2.7852        |    | TOC    |    |
| CCB5.....         | 14.6094...    | .. | ...TOC | .. |
| CCB5              | 23.8170       |    | TOC    |    |
| CCB5              | 6.1334        |    | TOC    |    |
| LB127678BSL3..... | 8.8624...     | .. | ...TOC | .. |
| LB127678BSL3      | 8.6270        |    | TOC    |    |
| LB127678BSL3      | 5.7391        |    | TOC    |    |
| LB127678BSL3..... | 5.6830...     | .. | ...TOC | .. |
| LB127678BSS3      | 1004.0271     |    | TOC    |    |
| LB127678BSS3      | 1033.1930     |    | TOC    |    |
| LB127678BSS3..... | 1059.0704...  | .. | ...TOC | .. |
| LB127678BSS3      | 978.8475      |    | TOC    |    |
| 04630-02MS        | 6548.5884     |    | TOC    |    |
| 04630-02MS.....   | 7289.3159...  | .. | ...TOC | .. |
| 04630-02MS        | 6615.4561     |    | TOC    |    |
| 04630-02MS        | 7410.9834     |    | TOC    |    |
| 04630-02MSD.....  | 7924.2778...  | .. | ...TOC | .. |
| 04630-02MSD       | 5593.9282     |    | TOC    |    |
| 04630-02MSD       | 6486.9360     |    | TOC    |    |
| 04630-02MSD.....  | 6606.0947...  | .. | ...TOC | .. |
| CCV6              | 994.9847      |    | TOC    |    |
| CCV6              | 1020.0538     |    | TOC    |    |
| CCV6.....         | 978.5014...   | .. | ...TOC | .. |
| CCV6              |               |    |        |    |
|                   | 937.1141      |    | TOC    |    |
| CCB6              | 9.3127        |    | TOC    |    |
| CCB6.....         | 2.0488...     | .. | ...TOC | .. |
| CCB6              | 2.0747        |    | TOC    |    |

CCB6 9.7644  
.....

TOC  
..

| Method ID |         | Sample Type | Vial Timestamp |                    | Message               |  |
|-----------|---------|-------------|----------------|--------------------|-----------------------|--|
| Boat      | Sampler | Sample      | 2023/10/09     | 11:13              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 11:16              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 11:19              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 11:22 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 11:26              | Low Sample Detected   |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 11:30              | Low Sample Detected   |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 11:32 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 11:36              | Low Sample Detected   |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 11:40              | Low Sample Detected   |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 11:46 | ..Low Sample Detected |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 11:49              | Low Sample Detected   |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 11:52              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 11:56 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 12:03              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 12:07              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 12:10 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 12:21              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 12:26              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 12:36 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 12:47              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 12:58              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 13:07 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 13:11              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 13:23              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 13:29 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 13:43              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 13:46              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 13:54 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 14:37              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 14:47              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 14:52 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 14:56              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 15:03              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 15:06 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 15:10              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 15:13              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 15:58 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 16:07              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 16:10              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 16:13 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 16:23              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 16:27              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 16:30 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 16:48              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 16:53              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 16:55 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 16:59              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 17:02              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 17:07 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 17:10              | Low Sample Detected   |  |
| Boat      | Sampler | Sample      | 2023/10/09     | 17:13              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/09 17:15 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/10     | 10:08              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/10     | 10:11              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/10 10:14 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/10     | 10:17              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/10     | 10:20              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/10 10:24 | ..Low Sample Detected |  |
| Boat      | Sampler | Sample      | 2023/10/10     | 10:25              |                       |  |
| Boat      | Sampler | Sample      | 2023/10/10     | 10:29              | Low Sample Detected   |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/10 10:32 | ..                    |  |
| Boat      | Sampler | Sample      | 2023/10/10     | 10:35              | Low Sample Detected   |  |
| Boat      | Sampler | Sample      | 2023/10/10     | 10:37              |                       |  |
| Boat      | Sampler | ...Sample   | ..             | ..2023/10/10 10:41 | ..Low Sample Detected |  |

|      |         |        |        |            |              |                       |
|------|---------|--------|--------|------------|--------------|-----------------------|
| Boat | Sampler | Sample |        | 2023/10/10 | 10:48        |                       |
| Boat | Sampler | Sample |        | 2023/10/10 | 10:51        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/10 | 10:54                 |
| Boat | Sampler | Sample |        | 2023/10/10 | 10:57        |                       |
| Boat | Sampler | Sample |        | 2023/10/10 | 11:06        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/10 | 11:10                 |
| Boat | Sampler | Sample |        | 2023/10/10 | 11:22        |                       |
| Boat | Sampler | Sample |        | 2023/10/10 | 11:27        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/10 | 14:27                 |
| Boat | Sampler | Sample |        | 2023/10/10 | 14:30        |                       |
| Boat | Sampler | Sample |        | 2023/10/10 | 14:40        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/10 | 14:51                 |
| Boat | Sampler | Sample |        | 2023/10/10 | 14:58        |                       |
| Boat | Sampler | Sample |        | 2023/10/10 | 15:02        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/10 | 15:18                 |
| Boat | Sampler | Sample |        | 2023/10/10 | 15:21        |                       |
| Boat | Sampler | Sample |        | 2023/10/10 | 15:30        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/10 | 15:36                 |
| Boat | Sampler | Sample |        | 2023/10/10 | 15:41        |                       |
| Boat | Sampler | Sample |        | 2023/10/10 | 15:45        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/10 | 15:54                 |
| Boat | Sampler | Sample |        | 2023/10/10 | 15:59        |                       |
| Boat | Sampler | Sample |        | 2023/10/10 | 16:04        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/10 | 16:09                 |
| Boat | Sampler | Sample |        | 2023/10/10 | 16:18        |                       |
| Boat | Sampler | Sample |        | 2023/10/10 | 16:21        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/10 | 16:24                 |
| Boat | Sampler | Sample |        | 2023/10/10 | 16:27        |                       |
| Boat | Sampler | Sample |        | 2023/10/10 | 16:37        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/10 | 16:39                 |
| Boat | Sampler | Sample |        | 2023/10/10 | 16:42        |                       |
| Boat | Sampler | Sample |        | 2023/10/10 | 16:45        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/10 | 16:52                 |
| Boat | Sampler | Sample |        | 2023/10/10 | 16:53        | ..Low Sample Detected |
| Boat | Sampler | Sample |        | 2023/10/10 | 16:57        | Low Sample Detected   |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/10 | 16:59                 |
| Boat | Sampler | Sample |        | 2023/10/11 | 11:00        |                       |
| Boat | Sampler | Sample |        | 2023/10/11 | 11:06        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/11 | 11:09                 |
| Boat | Sampler | Sample |        | 2023/10/11 | 11:12        |                       |
| Boat | Sampler | Sample |        | 2023/10/11 | 11:20        | Low Sample Detected   |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/11 | 11:23                 |
| Boat | Sampler | Sample |        | 2023/10/11 | 11:26        | ..Low Sample Detected |
| Boat | Sampler | Sample |        | 2023/10/11 | 11:29        | Low Sample Detected   |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/11 | 11:33                 |
| Boat | Sampler | Sample |        | 2023/10/11 | 11:39        | ..Low Sample Detected |
| Boat | Sampler | Sample |        | 2023/10/11 | 11:39        | Low Sample Detected   |
| Boat | Sampler | Sample |        | 2023/10/11 | 11:42        | Low Sample Detected   |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/11 | 11:46                 |
| Boat | Sampler | Sample |        | 2023/10/11 | 11:46        | ..Low Sample Detected |
| Boat | Sampler | Sample |        | 2023/10/11 | 12:14        |                       |
| Boat | Sampler | Sample |        | 2023/10/11 | 12:17        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/11 | 12:20                 |
| Boat | Sampler | Sample |        | 2023/10/11 | 12:23        |                       |
| Boat | Sampler | Sample |        | 2023/10/11 | 12:58        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/11 | 13:01                 |
| Boat | Sampler | Sample |        | 2023/10/11 | 13:04        |                       |
| Boat | Sampler | Sample |        | 2023/10/11 | 13:08        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/11 | 13:12                 |
| Boat | Sampler | Sample |        | 2023/10/11 | 13:36        |                       |
| Boat | Sampler | Sample |        | 2023/10/11 | 13:40        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/11 | 13:43                 |
| Boat | Sampler | Sample |        | 2023/10/11 | 13:48        |                       |
| Boat | Sampler | Sample |        | 2023/10/11 | 13:51        |                       |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/11 | 13:54                 |
| Boat | Sampler | Sample |        | 2023/10/11 | 13:58        |                       |
| Boat | Sampler | Sample |        | 2023/10/11 | 14:23        | Low Sample Detected   |
| Boat | Sampler | ...    | Sample | ..         | ..2023/10/11 | 14:33                 |
| Boat | Sampler | Sample |        | 2023/10/11 | 14:38        | ..Low Sample Detected |
| Boat | Sampler | Sample |        | 2023/10/11 | 14:38        | Low Sample Detected   |
| Boat | Sampler | Sample |        | 2023/10/11 | 14:41        |                       |



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=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   10091111
Cal. Curve:  TOC SOIL                 Timestamp:  2023/10/09 11:13
Operator ID: IZ MA                    Sample Type: Sample
=====
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1066.6910 | 42.6676 | 3952994  | -0.177                | 0.819              | 96                  |

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=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   10091114
Cal. Curve:  TOC SOIL                 Timestamp:  2023/10/09 11:16
Operator ID: IZ MA                    Sample Type: Sample
=====
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1023.2222 | 40.9289 | 3791905  | -0.087                | 0.909              | 106                 |

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```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   10091117
Cal. Curve:  TOC SOIL                 Timestamp:  2023/10/09 11:19
Operator ID: IZ MA                    Sample Type: Sample
=====
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1107.5186 | 44.3007 | 4104294  | -0.058                | 0.939              | 100                 |

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```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   10091120
Cal. Curve:  TOC SOIL                 Timestamp:  2023/10/09 11:22
Operator ID: IZ MA                    Sample Type: Sample
=====
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1097.4457 | 43.8978 | 4066966  | -0.071                | 0.926              | 98                  |

```
=====
```

```
=====
Sample ID:   CCB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   10091124
Cal. Curve:  TOC SOIL                 Timestamp:  2023/10/09 11:26
Operator ID: IZ MA                    Sample Type: Sample
=====
```

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 8.4067 | 0.3363 | 31154    | -0.346                | -0.503             | 120                 |

```
-----
```

Last Message: Low Sample Detected

```
=====
```

```
=====
Sample ID:   CCB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   10091127
Cal. Curve:  TOC SOIL                 Timestamp:  2023/10/09 11:30
Operator ID: IZ MA                    Sample Type: Sample
=====
```

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 2.4586 | 0.0983 | 9111     | -0.492                | -0.587             | 120                 |

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

Sample ID: CCB1 Mode: TOC  
Method: Boat Sampler Filename: 10091130  
Cal. Curve: TOC SOIL Timestamp: 2023/10/09 11:32  
Operator ID: IZ MA Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 30.6668 | 1.2267 | 113646   | -0.618                | 0.380              | 57                  |

=====

Sample ID: CCB1 Mode: TOC  
Method: Boat Sampler Filename: 10091133  
Cal. Curve: TOC SOIL Timestamp: 2023/10/09 11:36  
Operator ID: IZ MA Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 7.0312 | 0.2812 | 26056    | -0.576                | -0.636             | 120                 |

-----

Last Message: Low Sample Detected  
=====

Sample ID: LB127678BSL Mode: TOC  
Method: Boat Sampler Filename: 10091137  
Cal. Curve: TOC SOIL Timestamp: 2023/10/09 11:40  
Operator ID: IZ MA Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 5.4853 | 0.2194 | 20328    | -0.676                | -0.723             | 120                 |

-----

Last Message: Low Sample Detected  
=====

Sample ID: LB127678BSL Mode: TOC  
Method: Boat Sampler Filename: 10091143  
Cal. Curve: TOC SOIL Timestamp: 2023/10/09 11:46  
Operator ID: IZ MA Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 5.3257 | 0.2130 | 19736    | -0.692                | -0.737             | 120                 |

-----

Last Message: Low Sample Detected  
=====

Sample ID: LB127678BSL Mode: TOC  
Method: Boat Sampler Filename: 10091147  
Cal. Curve: TOC SOIL Timestamp: 2023/10/09 11:49  
Operator ID: IZ MA Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 3.3214 | 0.1329 | 12308    | -0.767                | -0.770             | 120                 |

-----

Last Message: Low Sample Detected  
=====



|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB127678BSL  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10091150         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/09 11:52 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 13.3975 | 0.5359 | 49649    | -0.799                | 0.196              | 49                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB127678BSS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10091153         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/09 11:56 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1058.3969 | 42.3359 | 3922257  | -0.810                | 0.190              | 110                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB127678BSS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10091201         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/09 12:03 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 980.0417 | 39.2017 | 3631885  | -0.470                | 0.528              | 97                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB127678BSS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10091204         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/09 12:07 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1109.8068 | 44.3923 | 4112774  | -0.558                | 0.440              | 106                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB127678BSS  | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10091208         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/09 12:10 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1049.1727 | 41.9669 | 3888074  | -0.445                | 0.552              | 94                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-01     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10091218         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/09 12:21 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 9409.7305 | 61.1632 | 5666541  | -0.896                | 0.102              | 125                 |

|            |          |       |     |
|------------|----------|-------|-----|
| Sample ID: | 04629-01 | Mode: | TOC |
|------------|----------|-------|-----|

Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Filename: 10091225  
Timestamp: 2023/10/09 12:26  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|-----------|---------|----------|--------------------|-----------------|------------------|
| 1     | 7273.3765 | 63.2784 | 5862500  | 10.812             | 11.719          | 71               |

Sample ID: 04629-01  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10091234  
Timestamp: 2023/10/09 12:36  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|-----------|---------|----------|--------------------|-----------------|------------------|
| 1     | 6379.5952 | 46.5710 | 4314629  | 8.761              | 9.699           | 71               |

Sample ID: 04629-01  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10091245  
Timestamp: 2023/10/09 12:47  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|-----------|---------|----------|--------------------|-----------------|------------------|
| 1     | 7291.9482 | 55.4188 | 5134341  | 9.852              | 10.792          | 69               |

Sample ID: 04629-02  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10091256  
Timestamp: 2023/10/09 12:58  
Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|------------|----------|----------|--------------------|-----------------|------------------|
| 1     | 26305.8438 | 168.3574 | 15597670 | 6.756              | 7.746           | 116              |

Sample ID: 04629-02  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10091304  
Timestamp: 2023/10/09 13:07  
Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|------------|----------|----------|--------------------|-----------------|------------------|
| 1     | 30758.6504 | 175.3243 | 16243127 | 8.122              | 9.109           | 113              |

Sample ID: 04629-02  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10091308  
Timestamp: 2023/10/09 13:11  
Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|------------|----------|----------|--------------------|-----------------|------------------|
| 1     | 30323.2305 | 188.0040 | 17417856 | 8.556              | 9.549           | 121              |

Sample ID: 04629-02  
Method: Boat Sampler  
Cal. Curve: TOC SOIL

Mode: TOC  
Filename: 10091319  
Timestamp: 2023/10/09 13:23

Operator ID: IZ MA

Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 27866.4160 | 200.6382 | 18588362 | 0.964                 | 1.959              | 207                 |

Sample ID: 04629-03  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10091327  
Timestamp: 2023/10/09 13:29  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 5699.9785 | 51.2998 | 4752731  | 6.525                 | 7.508              | 72                  |

Sample ID: 04629-03  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10091341  
Timestamp: 2023/10/09 13:43  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 5146.0259 | 39.1098 | 3623373  | 7.951                 | 8.947              | 65                  |

Sample ID: 04629-03  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10091344  
Timestamp: 2023/10/09 13:46  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 6027.5601 | 44.0012 | 4076542  | 1.060                 | 2.053              | 75                  |

Sample ID: 04629-03  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10091352  
Timestamp: 2023/10/09 13:54  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 6655.9541 | 55.9100 | 5179849  | 10.846                | 11.735             | 70                  |

Sample ID: 04629-04  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10091435  
Timestamp: 2023/10/09 14:37  
Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 33364.4141 | 200.1865 | 18546512 | 8.676                 | 9.665              | 127                 |

Sample ID: 04629-04  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10091444  
Timestamp: 2023/10/09 14:47  
Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 33969.0742 | 251.3711 | 23288576 | 7.307                 | 8.301              | 169                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-04     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10091448         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/09 14:52 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 34465.8281 | 227.4745 | 21074640 | 6.410                 | 7.404              | 158                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-04     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10091453         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/09 14:56 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 31183.1582 | 174.6257 | 16178403 | 9.175                 | 10.171             | 134                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-05     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10091501         |
| Cal. Curve   |              | Timestamp:   | 2023/10/09 15:03 |
| : TOC SOIL   |              | Sample Type: | Sample           |
| Operator ID: | IZ MA        |              |                  |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 5775.8115 | 40.4307 | 3745748  | 1.678                 | 2.672              | 75                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-05     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10091504         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/09 15:06 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 5659.1133 | 36.7842 | 3407919  | 8.920                 | 9.883              | 67                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-05     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10091508         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/09 15:10 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 5312.6060 | 42.5008 | 3937541  | 5.144                 | 6.104              | 88                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-05     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10091511         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/09 15:13 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

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

|   |           |         |         |                   |                   |            |
|---|-----------|---------|---------|-------------------|-------------------|------------|
| 1 | 4711.9307 | 35.3395 | 3274068 | Baseline<br>8.587 | Baseline<br>9.566 | Time<br>64 |
|---|-----------|---------|---------|-------------------|-------------------|------------|

Sample ID: 04629-06  
 Method: Boat Sampler  
 Cal. Curve: TOC SOIL  
 Operator ID: IZ MA

Mode: TOC  
 Filename: 10091556  
 Timestamp: 2023/10/09 15:58  
 Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 6470.2207 | 41.4094 | 3836424  | 4.052                 | 5.030              | 79                  |

Sample ID: 04629-06  
 Method: Boat Sampler  
 Cal. Curve: TOC SOIL  
 Operator ID: IZ MA

Mode: TOC  
 Filename: 10091605  
 Timestamp: 2023/10/09 16:07  
 Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 5933.7559 | 49.8435 | 4617814  | 8.024                 | 8.971              | 71                  |

Sample ID: 04629-06  
 Method: Boat Sampler  
 Cal. Curve: TOC SOIL  
 Operator ID: IZ MA

Mode: TOC  
 Filename: 10091608  
 Timestamp: 2023/10/09 16:10  
 Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 7480.2129 | 45.6293 | 4227380  | 7.762                 | 8.680              | 68                  |

Sample ID: 04629-06  
 Method: Boat Sampler  
 Cal. Curve: TOC SOIL  
 Operator ID: IZ MA

Mode: TOC  
 Filename: 10091611  
 Timestamp: 2023/10/09 16:13  
 Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 5287.0176 | 48.1119 | 4457380  | 3.585                 | 4.570              | 76                  |

Sample ID: 04629-07  
 Method: Boat Sampler  
 Cal. Curve: TOC SOIL  
 Operator ID: IZ MA

Mode: TOC  
 Filename: 10091619  
 Timestamp: 2023/10/09 16:23  
 Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 6020.4341 | 39.7349 | 3681284  | 6.773                 | 7.760              | 188                 |

Sample ID: 04629-07  
 Method: Boat Sampler  
 Cal. Curve: TOC SOIL  
 Operator ID: IZ MA

Mode: TOC  
 Filename: 10091624  
 Timestamp: 2023/10/09 16:27  
 Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 6411.7646 | 47.4471 | 4395789  | 3.580                 | 4.575              | 190                 |

```
=====
Sample ID: 04629-07          Mode: TOC
Method: Boat Sampler        Filename: 10091628
Cal. Curve: TOC SOIL       Timestamp: 2023/10/09 16:30
Operator ID: IZ MA          Sample Type: Sample

Rep #    ppm C    ug C    Raw Data    Beginning    Ending    Integration
          Baseline Baseline    Time
  1    4024.8699    37.0288    3430577    11.549    12.543    107
=====
```

```
Sample ID: 04629-07          Mode: TOC
Method: Boat Sampler        Filename: 10091643
Cal. Curve: TOC SOIL       Timestamp: 2023/10/09 16:48
Operator ID: IZ MA          Sample Type: Sample

Rep #    ppm C    ug C    Raw Data    Beginning    Ending    Integration
          Baseline Baseline    Time
  1    5071.3169    36.5135    3382834    -1.107    1.955    240
-----
Last Message: Max Integration Time Reached
=====
```

```
Sample ID: CCV2              Mode: TOC
Method: Boat Sampler        Filename: 10091651
Cal. Curve: TOC SOIL       Timestamp: 2023/10/09 16:53
Operator ID: IZ MA          Sample Type: Sample

Rep #    ppm C    ug C    Raw Data    Beginning    Ending    Integration
          Baseline Baseline    Time
  1    1043.4788    41.7392    3866973    1.420    2.395    84
=====
```

```
Sample ID: CCV2              Mode: TOC
Method: Boat Sampler        Filename: 10091654
Cal. Curve: TOC SOIL       Timestamp: 2023/10/09 16:55
Operator ID: IZ MA          Sample Type: Sample

Rep #    ppm C    ug C    Raw Data    Beginning    Ending    Integration
          Baseline Baseline    Time
  1    1064.8252    42.5930    3946079    -0.636    0.363    83
=====
```

```
Sample ID: CCV2              Mode: TOC
Method: Boat Sampler        Filename: 10091656
Cal. Curve: TOC SOIL       Timestamp: 2023/10/09 16:59
Operator ID: IZ MA          Sample Type: Sample

Rep #    ppm C    ug C    Raw Data    Beginning    Ending    Integration
          Baseline Baseline    Time
  1    1067.7859    42.7114    3957051    -0.862    0.133    98
=====
```

```
Sample ID: CCV2              Mode: TOC
Method: Boat Sampler        Filename: 10091700
Cal. Curve: TOC SOIL       Timestamp: 2023/10/09 17:02
Operator ID: IZ MA          Sample Type: Sample

Rep #    ppm C    ug C    Raw Data    Beginning    Ending    Integration
          Baseline Baseline    Time
  1    1118.4392    44.7376    4144765    -0.723    0.273    106
```

Sample ID: CCB2 Mode: TOC  
Method: Boat Sampler Filename: 10091706  
Cal. Curve: TOC SOIL Timestamp: 2023/10/09 17:07  
Operator ID: IZ MA Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 26.5154 | 1.0606 | 98262    | -1.063                | -0.066             | 50                  |

Sample ID: CCB2 Mode: TOC  
Method: Boat Sampler Filename: 10091708  
Cal. Curve: TOC SOIL Timestamp: 2023/10/09 17:10  
Operator ID: IZ MA Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 7.5874 | 0.3035 | 28118    | -0.985                | -1.119             | 120                 |

Last Message: Low Sample Detected

Sample ID: CCB2 Mode: TOC  
Method: Boat Sampler Filename: 10091711  
Cal. Curve: TOC SOIL Timestamp: 2023/10/09 17:13  
Operator ID: IZ MA Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 23.2766 | 0.9311 | 86260    | -1.227                | -0.229             | 63                  |

Sample ID: CCB2 Mode: TOC  
Method: Boat Sampler Filename: 10091714  
Cal. Curve: TOC SOIL Timestamp: 2023/10/09 17:15  
Operator ID: IZ MA Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 20.6508 | 0.8260 | 76529    | -1.183                | -0.191             | 47                  |

Sample ID: CCV3 Mode: TOC  
Method: Boat Sampler Filename: 10101006  
Cal. Curve: TOC SOIL Timestamp: 2023/10/10 10:08  
Operator ID: IZ MA Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 973.0791 | 38.9232 | 3606082  | -0.582                | 0.418              | 94                  |

Sample ID: CCV3 Mode: TOC  
Method: Boat Sampler Filename: 10101009  
Cal. Curve: TOC SOIL Timestamp: 2023/10/10 10:11  
Operator ID: IZ MA Sample Type: Sample

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
|-------|-------|------|----------|-----------------------|--------------------|---------------------|

|       |           |         |         |        |       |    |
|-------|-----------|---------|---------|--------|-------|----|
| 1     | 1035.2028 | 41.4081 | 3836304 | -0.240 | 0.756 | 90 |
| ===== |           |         |         |        |       |    |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCV3         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101012         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 10:14 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1028.0042 | 41.1202 | 3809626  | 0.033                 | 1.032              | 112                 |
| ===== |           |         |          |                       |                    |                     |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCV3         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101015         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 10:17 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 985.5294 | 39.4212 | 3652221  | -0.101                | 0.895              | 117                 |
| ===== |          |         |          |                       |                    |                     |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB3         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101019         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 10:20 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 18.5962 | 0.7438 | 68915    | -0.444                | 0.555              | 48                  |
| ===== |         |        |          |                       |                    |                     |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB3         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101021         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 10:24 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 2.9985 | 0.1199 | 11112    | -0.456                | -0.644             | 120                 |
| ----- |        |        |          |                       |                    |                     |

Last Message: Low Sample Detected

=====

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB3         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101024         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 10:25 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 10.6071 | 0.4243 | 39308    | -0.460                | 0.529              | 44                  |
| ===== |         |        |          |                       |                    |                     |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB3         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101027         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 10:29 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
|-------|-------|------|----------|-----------------------|--------------------|---------------------|



|                                   |         |         |          |                       |                    |                     |
|-----------------------------------|---------|---------|----------|-----------------------|--------------------|---------------------|
| 1                                 | 4.7368  | 0.1895  | 17554    | -0.635                | -0.749             | 120                 |
| -----                             |         |         |          |                       |                    |                     |
| Last Message: Low Sample Detected |         |         |          |                       |                    |                     |
| =====                             |         |         |          |                       |                    |                     |
| Sample ID: LB127678BLS2           |         |         |          | Mode:                 | TOC                |                     |
| Method: Boat Sampler              |         |         |          | Filename:             | 10101030           |                     |
| Cal. Curve: TOC SOIL              |         |         |          | Timestamp:            | 2023/10/10 10:32   |                     |
| Operator ID: IZ MA                |         |         |          | Sample Type:          | Sample             |                     |
| Rep #                             | ppm C   | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1                                 | 11.5278 | 0.4611  | 42720    | -0.710                | 0.284              | 42                  |
| =====                             |         |         |          |                       |                    |                     |
| Sample ID: LB127678BLS2           |         |         |          | Mode:                 | TOC                |                     |
| Method: Boat Sampler              |         |         |          | Filename:             | 10101032           |                     |
| Cal. Curve: TOC SOIL              |         |         |          | Timestamp:            | 2023/10/10 10:35   |                     |
| Operator ID: IZ MA                |         |         |          | Sample Type:          | Sample             |                     |
| Rep #                             | ppm C   | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1                                 | 8.6942  | 0.3478  | 32219    | -0.751                | -0.781             | 120                 |
| -----                             |         |         |          |                       |                    |                     |
| Last Message: Low Sample Detected |         |         |          |                       |                    |                     |
| =====                             |         |         |          |                       |                    |                     |
| Sample ID: LB127678BLS2           |         |         |          | Mode:                 | TOC                |                     |
| Method: Boat Sampler              |         |         |          | Filename:             | 10101036           |                     |
| Cal. Curve: TOC SOIL              |         |         |          | Timestamp:            | 2023/10/10 10:37   |                     |
| Operator ID: IZ MA                |         |         |          | Sample Type:          | Sample             |                     |
| Rep #                             | ppm C   | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1                                 | 9.6649  | 0.3866  | 35817    | -0.736                | 0.261              | 40                  |
| =====                             |         |         |          |                       |                    |                     |
| Sample ID: LB127678BLS2           |         |         |          | Mode:                 | TOC                |                     |
| Method: Boat Sampler              |         |         |          | Filename:             | 10101038           |                     |
| Cal. Curve: TOC SOIL              |         |         |          | Timestamp:            | 2023/10/10 10:41   |                     |
| Operator ID: IZ MA                |         |         |          | Sample Type:          | Sample             |                     |
| Rep #                             | ppm C   | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1                                 | 9.0905  | 0.3636  | 33688    | -0.861                | -0.862             | 120                 |
| -----                             |         |         |          |                       |                    |                     |
| Last Message: Low Sample Detected |         |         |          |                       |                    |                     |
| =====                             |         |         |          |                       |                    |                     |
| Sample ID: LB127678BSS2           |         |         |          | Mode:                 | TOC                |                     |
| Method: Boat Sampler              |         |         |          | Filename:             | 10101046           |                     |
| Cal. Curve: TOC SOIL              |         |         |          | Timestamp:            | 2023/10/10 10:48   |                     |
| Operator ID: IZ MA                |         |         |          | Sample Type:          | Sample             |                     |
| Rep #                             | ppm C   | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1 1                               | 43.6616 | 4045079 | -0.884   | 0.115                 | 110                |                     |
| 091.5396                          |         |         |          |                       |                    |                     |
| =====                             |         |         |          |                       |                    |                     |
| Sample ID: LB127678BSS2           |         |         |          | Mode:                 | TOC                |                     |
| Method: Boat Sampler              |         |         |          | Filename:             | 10101049           |                     |

Timestamp: 2023/10/10 10:51

Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1028.2125 | 41.1285 | 3810399  | -0.440                | 0.559              | 90                  |

Mode: TOC

Filename: 10101052

Timestamp: 2023/10/10 10:54

Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1032.4471 | 41.2979 | 3826092  | -0.516                | 0.480              | 92                  |

Mode: TOC

Filename: 10101055

Timestamp: 2023/10/10 10:57

Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1102.0667 | 44.0827 | 4084091  | -0.382                | 0.616              | 96                  |

Mode: TOC

Filename: 10101104

Timestamp: 2023/10/10 11:06

Sample Type: Sample

| Rep # | ppm C      | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 14263.9248 | 92.7155 | 8589738  | 11.462                | 12.390             | 86                  |

Mode: TOC

Filename: 10101107

Timestamp: 2023/10/10 11:10

Sample Type: Sample

| Rep # | ppm C      | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 14988.9287 | 97.4280 | 9026335  | 2.093                 | 3.091              | 121                 |

Mode: TOC

Filename: 10101120

Timestamp: 2023/10/10 11:22

Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 17368.4277 | 105.9474 | 9815623  | 6.874                 | 7.873              | 90                  |

Mode: TOC

Filename: 10101124

Timestamp: 2023/10/10 11:27

Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 17601.2246 | 112.6478 | 10436391 | 0.370                 | 1.364              | 148                 |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-09     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101425         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 14:27 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 8225.9697 | 53.4688 | 4953680  | 2.490                 | 3.483              | 91                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-09     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101428         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 14:30 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 5959.8643 | 38.1431 | 3533816  | 6.165                 | 7.143              | 76                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-09     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101438         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 14:40 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 5670.5210 | 38.5595 | 3572394  | 6.689                 | 7.616              | 67                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-09     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101449         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 14:51 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 6493.8379 | 53.2495 | 4933360  | 2.198                 | 3.189              | 80                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-10     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101455         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 14:58 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 8177.1387 | 46.6097 | 4318210  | 4.351                 | 5.311              | 97                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-10     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101500         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 15:02 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

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

|   |           |         |         |                   |                   |            |
|---|-----------|---------|---------|-------------------|-------------------|------------|
| 1 | 6989.3682 | 53.8181 | 4986045 | Baseline<br>0.918 | Baseline<br>1.917 | Time<br>92 |
|---|-----------|---------|---------|-------------------|-------------------|------------|

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-10     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101516         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 15:18 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

|       |           |         |          |                       |                    |                     |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1     | 6010.4131 | 43.2750 | 4009261  | 3.414                 | 4.375              | 75                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04629-10     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101520         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 15:21 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

|       |           |         |          |                       |                    |                     |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1     | 6224.7305 | 41.7057 | 3863873  | 6.497                 | 7.473              | 67                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04630-01     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101525         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 15:30 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

|       |            |          |          |                       |                    |                     |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1     | 40702.8711 | 301.2012 | 27905144 | 2.629                 | 3.696              | 240                 |

Last Message: Max Integration Time Reached

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04630-01     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101531         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 15:36 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

|       |            |          |          |                       |                    |                     |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1     | 38843.3594 | 283.5565 | 26270428 | 1.729                 | 3.342              | 240                 |

Last Message: Max Integration Time Reached

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04630-01     | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10101536         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/10 15:41 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

|       |            |          |          |                       |                    |                     |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
| 1     | 44145.4531 | 273.7018 | 25357426 | 3.088                 | 4.086              | 228                 |

|             |              |            |                  |
|-------------|--------------|------------|------------------|
| Sample ID:  | 04630-01     | Mode:      | TOC              |
| Method:     | Boat Sampler | Filename:  | 10101542         |
| Cal. Curve: | TOC SOIL     | Timestamp: | 2023/10/10 15:45 |

Operator ID: IZ MA

Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 38977.7734 | 257.2533 | 23833536 | 11.369                | 12.363             | 158                 |

Sample ID: 04630-03  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10101549  
Timestamp: 2023/10/10 15:54  
Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 37913.1406 | 276.7659 | 25641306 | 0.927                 | 3.152              | 240                 |

Last Message: Max Integration Time Reached

Sample ID: 04630-03  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10101554  
Timestamp: 2023/10/10 15:59  
Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 42191.1641 | 316.4337 | 29316376 | 2.385                 | 4.657              | 240                 |

Last Message: Max Integration Time Reached

Sample ID: 04630-03  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10101600  
Timestamp: 2023/10/10 16:04  
Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 36014.6758 | 280.9145 | 26025654 | 3.055                 | 4.054              | 227                 |

Sample ID: 04630-03  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10101605  
Timestamp: 2023/10/10 16:09  
Sample Type: Sample

| Rep # | ppm C      | ug C     | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|------------|----------|----------|-----------------------|--------------------|---------------------|
| 1     | 45277.3984 | 271.6644 | 25168668 | 2.232                 | 3.231              | 227                 |

Sample ID: 04630-02  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10101616  
Timestamp: 2023/10/10 16:18  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 5874.5791 | 41.1221 | 3809801  | 0.547                 | 1.537              | 81                  |

Sample ID: 04630-02

Mode: TOC

Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Filename: 10101619  
Timestamp: 2023/10/10 16:21  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 4900.7710 | 36.2657 | 3359879  | 0.144                 | 1.141              | 80                  |

Sample ID: 04630-02  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10101622  
Timestamp: 2023/10/10 16:24  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 6078.0234 | 42.5462 | 3941740  | -0.062                | 0.932              | 93                  |

Sample ID: 04630-02  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10101624  
Timestamp: 2023/10/10 16:27  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 5042.6050 | 39.8366 | 3690707  | -0.173                | 0.822              | 91                  |

Sample ID: CCV4  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10101635  
Timestamp: 2023/10/10 16:37  
Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 922.1774 | 36.8871 | 3417449  | 1.034                 | 2.020              | 77                  |

Sample ID: CCV4  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10101637  
Timestamp: 2023/10/10 16:39  
Sample Type: Sample

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 960.3302 | 38.4132 | 3558837  | -0.415                | 0.582              | 90                  |

Sample ID: CCV4  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10101640  
Timestamp: 2023/10/10 16:42  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1097.1537 | 43.8861 | 4065884  | -0.412                | 0.587              | 102                 |

Sample ID: CCV4  
Method: Boat Sampler  
Cal. Curve: TOC SOIL

Mode: TOC  
Filename: 10101643  
Timestamp: 2023/10/10 16:45

Operator ID: IZ MA

Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1010.3919 | 40.4157 | 3744358  | -0.450                | 0.547              | 89                  |

Sample ID: CCB4  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10101649  
Timestamp: 2023/10/10 16:52  
Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 5.0936 | 0.2037 | 18876    | -0.871                | -0.968             | 120                 |

Last Message: Low Sample Detected

Sample ID: CCB4  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID : IZ MA

Mode: TOC  
Filename: 10101652  
Timestamp: 2023/10/10 16:53  
Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 14.5552 | 0.5822 | 53939    | -0.908                | 0.084              | 45                  |

Sample ID: CCB4  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10101654  
Timestamp: 2023/10/10 16:57  
Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 0.0327 | 0.0013 | 121      | -0.731                | -0.968             | 120                 |

Last Message: Low Sample Detected

Sample ID: CCB4  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10101657  
Timestamp: 2023/10/10 16:59  
Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 10.0361 | 0.4014 | 37192    | -0.822                | 0.176              | 45                  |

Sample ID: CCV5  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10111058  
Timestamp: 2023/10/11 11:00  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1023.4175 | 40.9367 | 3792629  | 0.063                 | 1.059              | 90                  |

Sample ID: CCV5  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10111104  
Timestamp: 2023/10/11 11:06  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1069.3953 | 42.7758 | 3963015  | -0.204                | 0.793              | 96                  |

Sample ID: CCV5  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10111107  
Timestamp: 2023/10/11 11:09  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1085.3134 | 43.4125 | 4022005  | -0.169                | 0.830              | 96                  |

Sample ID: CCV5  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10111110  
Timestamp: 2023/10/11 11:12  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1142.8494 | 45.7140 | 4235225  | -0.241                | 0.755              | 103                 |

Sample ID: CCB5  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10111117  
Timestamp: 2023/10/11 11:20  
Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 2.7852 | 0.1114 | 10322    | -0.414                | -0.592             | 120                 |

Last Message: Low Sample Detected

Sample ID: CCB5  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10111120  
Timestamp: 2023/10/11 11:23  
Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 14.6094 | 0.5844 | 54140    | -0.612                | -0.631             | 120                 |

Last Message: Low Sample Detected

Sample ID: CCB5  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 10111124  
Timestamp: 2023/10/11 11:26  
Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 23.8170 | 0.9527 | 88262    | -0.574                | 0.422              | 56                  |



|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB5         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10111127         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 11:29 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 6.1334 | 0.2453 | 22729    | -0.590                | -0.716             | 120                 |

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

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB127678BSL3 | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10111131         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 11:33 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 8.8624 | 0.3545 | 32843    | -0.741                | -0.761             | 120                 |

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

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB127678BSL3 | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10111136         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 11:39 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 8.6270 | 0.3451 | 31970    | -0.751                | -0.765             | 120                 |

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

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB127678BSL3 | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10111140         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 11:42 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 5.7391 | 0.2296 | 21268    | -0.730                | -0.847             | 120                 |

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

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB127678BSL3 | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10111143         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 11:46 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 5.6830 | 0.2273 | 21060    | -0.818                | -0.861             | 120                 |

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

|            |              |       |     |
|------------|--------------|-------|-----|
| Sample ID: | LB127678BSS3 | Mode: | TOC |
|------------|--------------|-------|-----|

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Method:      | Boat Sampler | Filename:    | 10111211         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 12:14 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C     | Raw Data | Beginning | Ending | Integration |
|-------|-----------|----------|----------|-----------|--------|-------------|
|       | Baseline  | Baseline | Time     |           |        |             |
| 1     | 1004.0271 | 40.1611  | 3720771  | -0.538    | 0.457  | 104         |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB127678BSS3 | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10111215         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 12:17 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning | Ending   | Integration |
|-------|-----------|---------|----------|-----------|----------|-------------|
|       |           |         |          | Baseline  | Baseline | Time        |
| 1     | 1033.1930 | 41.3277 | 3828855  | -0.389    | 0.610    | 102         |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB127678BSS3 | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10111218         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 12:20 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning | Ending   | Integration |
|-------|-----------|---------|----------|-----------|----------|-------------|
|       |           |         |          | Baseline  | Baseline | Time        |
| 1     | 1059.0704 | 42.3628 | 3924753  | -0.585    | 0.414    | 101         |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | LB127678BSS3 | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10111221         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 12:23 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C    | ug C    | Raw Data | Beginning | Ending   | Integration |
|-------|----------|---------|----------|-----------|----------|-------------|
|       |          |         |          | Baseline  | Baseline | Time        |
| 1     | 978.8475 | 39.1539 | 3627459  | -0.650    | 0.345    | 88          |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04630-02MS   | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10111256         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 12:58 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning | Ending   | Integration |
|-------|-----------|---------|----------|-----------|----------|-------------|
|       |           |         |          | Baseline  | Baseline | Time        |
| 1     | 6548.5884 | 45.1853 | 4186242  | 6.208     | 7.183    | 68          |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | 04630-02MS   | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10111259         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 13:01 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning | Ending   | Integration |
|-------|-----------|---------|----------|-----------|----------|-------------|
|       |           |         |          | Baseline  | Baseline | Time        |
| 1     | 7289.3159 | 45.9227 | 4254562  | 5.789     | 6.736    | 71          |

|            |              |           |          |
|------------|--------------|-----------|----------|
| Sample ID: | 04630-02MS   | Mode:     | TOC      |
| Method:    | Boat Sampler | Filename: | 10111302 |

Timestamp: 2023/10/11 13:04

Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 6615.4561 | 46.3082 | 4290277  | 3.796                 | 4.783              | 69                  |

Sample ID: 04630-02MS  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

```
Mode:          TOC
Filename:      10111306
Timestamp:     2023/10/11 13:08
Sample Type:   Sample
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 7410.9834 | 50.3947 | 4668875  | 7.061                 | 7.992              | 68                  |

Sample ID: 04630-02MSD  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

```
Mode:          TOC
Filename:      10111310
Timestamp:     2023/10/11 13:12
Sample Type:   Sample
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 7924.2778 | 59.4321 | 5506156  | 4.572                 | 5.527              | 79                  |

Sample ID: 04630-02MSD  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

```
Mode:          TOC
Filename:      10111334
Timestamp:     2023/10/11 13:36
Sample Type:   Sample
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 5593.9282 | 42.5139 | 3938746  | 5.278                 | 6.276              | 64                  |

Sample ID: 04630-02MSD  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

```
Mode:          TOC
Filename:      10111338
Timestamp:     2023/10/11 13:40
Sample Type:   Sample
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 6486.9360 | 54.4903 | 5048315  | 0.741                 | 1.733              | 88                  |

Sample ID: 04630-02MSD  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

```
Mode:          TOC
Filename:      10111341
Timestamp:     2023/10/11 13:43
Sample Type:   Sample
```

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 6606.0947 | 53.5094 | 4957438  | 7.842                 | 8.762              | 69                  |

Sample ID: CCV6  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

```
Mode:          TOC
Filename:      10111346
Timestamp:     2023/10/11 13:48
Sample Type:   Sample
```

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 994.9847 | 39.7994 | 3687261  | -0.676                | 0.323              | 91                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCV6         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10111349         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 13:51 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1020.0538 | 40.8022 | 3780164  | -0.302                | 0.688              | 89                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCV6         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10111352         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 13:54 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 978.5014 | 39.1401 | 3626177  | -0.641                | 0.358              | 96                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCV6         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10111355         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 13:58 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 937.1141 | 37.4846 | 3472802  | -0.729                | 0.269              | 97                  |

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| Sample ID:   | CCB6         | Mode:        | TOC              |
| Method:      | Boat Sampler | Filename:    | 10111420         |
| Cal. Curve:  | TOC SOIL     | Timestamp:   | 2023/10/11 14:23 |
| Operator ID: | IZ MA        | Sample Type: | Sample           |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 9.3127 | 0.3725 | 34511    | -0.909                | -1.077             | 120                 |

Last Message: Low Sample Detected

|              |              |              |          |
|--------------|--------------|--------------|----------|
| Sample ID:   | CCB6         | Mode:        | TOC      |
| Method:      | Boat Sampler | Filename:    | 10111431 |
| Cal. Curve:  | TOC SOIL     | Timestamp:   |          |
| Operator ID: | IZ MA        | Sample Type: | Sample   |

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 2.0488 | 0.0820 | 7593     | -0.879                | -1.073             | 120                 |

Last Message: Low Sample Detected

|            |      |       |     |
|------------|------|-------|-----|
| Sample ID: | CCB6 | Mode: | TOC |
|------------|------|-------|-----|

Method: Boat Sampler

Cal. Curve: TOC SOIL

Operator ID: IZ MA

Filename: 10111436

Timestamp: 2023/10/11 14:38

Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 2.0747 | 0.0830 | 7688     | -0.935                | -1.103             | 120                 |

Last Message: Low Sample Detected

Sample ID: CCB6

Method: Boat Sampler

Cal. Curve: TOC SOIL

Operator ID: IZ MA

Mode: TOC

Filename: 10111440

Timestamp: 2023/10/11 14:41

Sample Type: Sample

| Rep # | ppm C  | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 9.7644 | 0.3906 | 36185    | -0.994                | 0.000              | 45                  |

| Sample ID     | Result     | Std. Dev. | RSD      | Mode | ALT |
|---------------|------------|-----------|----------|------|-----|
| BLANK         | 12346      | 9165      | 74.24    | TOC  |     |
| 250mg/l       | 1053128    | 69877     | 6.64     | TOC  |     |
| 500mg/l       | 2140580    | 22010     | 1.03     | TOC  |     |
| 1000mg/l..... | 4021174... | 55289..   | 1.37...  | TOC  | ..  |
| 2000mg/l      | 7464233    | 150097    | 2.01     | TOC  |     |
| ICV           | 1040.3801  | 16.4438   | 1.58     | TOC  |     |
| ICB.....      | 3.5335...  | 2.7179..  | 76.92... | TOC  | ..  |

| Method ID    | Sample Type     | Vial Timestamp |                    | Message               |
|--------------|-----------------|----------------|--------------------|-----------------------|
| Boat Sampler | TOC Standard    | 2023/09/06     | 12:44              | Low Sample Detected   |
| Boat Sampler | TOC Standard    | 2023/09/06     | 12:54              |                       |
| Boat Sampler | TOC Standard    | 2023/09/06     | 13:04              |                       |
| Boat Sampler | ...TOC Standard | ..             | ..2023/09/06 13:15 | ..                    |
| Boat Sampler | TOC Standard    | 2023/09/06     | 13:40              |                       |
| Boat Sampler | Sample          | 2023/09/06     | 13:53              |                       |
| Boat Sampler | ...Sample       | ..             | ..2023/09/06 14:20 | ..Low Sample Detected |

```
=====
Sample ID:   BLANK                      Mode:      TOC
Method:      Boat Sampler               Filename:   09061232
Cal. Curve:  TOC SOIL                  Timestamp: 2023/09/06 12:44
Operator ID: IZ MA                      Sample Type: TOC Standard
=====
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 24205    | 0.172                 | 0.137              | 120                 |
| 2     |       |      | 14901    | 0.264                 | 0.133              | 120                 |
| 3     |       |      | 4459     | 0.302                 | 0.131              | 120                 |
| 4     |       |      | 5817     | 0.207                 | 0.136              | 120                 |

-----  
Last Message: Low Sample Detected

<<<Statistics>>>    Mean:    12346    Std Dev:    9165    RSD: 74.24  
=====

```
=====
Sample ID:   250mg/l                    Mode:      TOC
Method:      Boat Sampler               Filename:   09061246
Cal. Curve:  TOC SOIL                  Timestamp: 2023/09/06 12:54
Operator ID: IZ MA                      Sample Type: TOC Standard
=====
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 1066263  | 0.119                 | 1.114              | 68                  |
| 2     |       |      | 1111127  | 0.244                 | 1.230              | 67                  |
| 3     |       |      | 1083066  | 0.341                 | 1.335              | 66                  |
| 4     |       |      | 952056   | 0.375                 | 1.371              | 64                  |

-----  
<<<Statistics>>>    Mean:  1053128    Std Dev:    69877    RSD: 6.64  
=====

```
=====
Sample ID:   500mg/l                    Mode:      TOC
Method:      Boat Sampler               Filename:   09061256
Cal. Curve:  TOC SOIL                  Timestamp: 2023/09/06 13:04
Operator ID: IZ MA                      Sample Type: TOC Standard
=====
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 2134040  | 0.142                 | 1.139              | 79                  |
| 2     |       |      | 2151067  | 0.411                 | 1.410              | 76                  |
| 3     |       |      | 2164030  | 0.522                 | 1.520              | 74                  |
| 4     |       |      | 2113181  | 0.422                 | 1.417              | 75                  |

-----  
<<<Statistics>>>    Mean:  2140580    Std Dev:    22010    RSD: 1.03  
=====

```
=====
Sample ID:   1000mg/l                   Mode:      TOC
Method:      Boat Sampler               Filename:   09061306
Cal. Curve:  TOC SOIL                  Timestamp: 2023/09/06 13:15
Operator ID: IZ MA                      Sample Type: TOC Standard
=====
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 3971428  | 0.146                 | 1.144              | 99                  |
| 2     |       |      | 4004230  | 0.617                 | 1.615              | 87                  |
| 3     |       |      | 4008773  | 1.014                 | 2.011              | 83                  |
| 4     |       |      | 4100264  | 0.740                 | 1.738              | 88                  |

-----  
<<<Statistics>>>    Mean:  4021174    Std Dev:    55289    RSD: 1.37  
=====



Sample ID: 2000mg/l  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 09061329  
Timestamp: 2023/09/06 13:40  
Sample Type: TOC Standard

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 7450938  | 1.129                 | 2.128              | 115                 |
| 2     |       |      | 7287470  | 2.824                 | 3.819              | 89                  |
| 3     |       |      | 7464121  | 1.818                 | 2.816              | 103                 |
| 4     |       |      | 7654404  | 1.503                 | 2.499              | 108                 |

<<<Statistics>>>Mean: 7464233Std Dev: 150097RSD: 2.01

Sample ID: ICB  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 09061344  
Timestamp: 2023/09/06 13:53  
Sample Type: Sample

| Rep # | ppm C     | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 1063.7861 | 42.5514 | 3942229  | 0.069                 | 1.068              | 102                 |
| 2     | 1035.9958 | 41.4398 | 3839242  | 0.676                 | 1.675              | 85                  |
| 3     | 1036.4908 | 41.4596 | 3841077  | 0.819                 | 1.814              | 81                  |
| 4     | 1025.2473 | 41.0099 | 3799410  | 0.894                 | 1.888              | 82                  |

<<<Statistics>>>Mean: 1040.3801Std Dev: 16.4438RSD: 1.58

Sample ID: ICB  
Method: Boat Sampler  
Cal. Curve: TOC SOIL  
Operator ID: IZ MA

Mode: TOC  
Filename: 09061407  
Timestamp: 2023/09/06 14:20  
Sample Type: Sample

| Rep # | ppm C   | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 3.5543  | 0.1422  | 13172    | 0.008                 | -0.069             | 120                 |
| 2     | 5.8334  | 0.2333  | 21618    | -0.074                | -0.034             | 120                 |
| 3     | -0.2894 | -0.0116 | -1073    | 0.171                 | -0.052             | 120                 |
| 4     | 5.0358  | 0.2014  | 18662    | 0.188                 | -0.017             | 120                 |

Last Message: Low Sample Detected<<<Statistics>>>Mean: 3.5335Std Dev: 2.7179RSD: 76.92

Cal. Curve ID:                    TOC SOIL  
 Created:                        2023/09/06 13:40  
 Calibration Factor (m): 9.265e+04  
 Y Intercept (b):                158907  
 r-squared:                       0.99782

| Standard ID | Y        | X Expected | Measured | <i>Re</i><br>Message | Date &<br>Time   |
|-------------|----------|------------|----------|----------------------|------------------|
|             | Raw Data | ug C       | ug C     |                      |                  |
| BLANK       | 12346    | 0.000      | -1.582   | -                    | 2023/09/06 12:44 |
| 250mg/l     | 1053128  | 10.000     | 9.652    | -3.5                 | 2023/09/06 12:54 |
| 500mg/l     | 2140580  | 20.000     | 21.390   | 7.0                  | 2023/09/06 13:04 |
| 1000mg/l    | 4021174  | 40.000     | 41.688   | 4.2                  | 2023/09/06 13:15 |
| 2000mg/l    | 7464234  | 80.000     | 78.852   | -1.4                 | 2023/09/06 13:40 |

12

9/6/23

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : TOC-100523

WorkList ID : 174290

Department : Wet-Chemistry

Date : 10-05-2023 11:44:29

LB127678

| Sample   | Customer Sample       | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method     |
|----------|-----------------------|--------|------|--------------|----------|-----------------------------|--------------|------------|
| O4629-01 | SS092P-SD02-00-092523 | Solid  | TOC  | Cool 4 deg C | WEST04   | E32                         | 09/25/2023   | Lloyd Kahn |
| O4629-02 | SS092P-SD03-00-092523 | Solid  | TOC  | Cool 4 deg C | WEST04   | E32                         | 09/25/2023   | Lloyd Kahn |
| O4629-03 | AT090P-SD01-00-092523 | Solid  | TOC  | Cool 4 deg C | WEST04   | E32                         | 09/25/2023   | Lloyd Kahn |
| O4629-04 | AT090P-SD02-00-092523 | Solid  | TOC  | Cool 4 deg C | WEST04   | E32                         | 09/25/2023   | Lloyd Kahn |
| O4629-05 | SS092P-SD01-00-092523 | Solid  | TOC  | Cool 4 deg C | WEST04   | E32                         | 09/25/2023   | Lloyd Kahn |
| O4629-06 | SS091P-SD01-00-092523 | Solid  | TOC  | Cool 4 deg C | WEST04   | E32                         | 09/25/2023   | Lloyd Kahn |
| O4629-07 | SS091P-SD02-00-092523 | Solid  | TOC  | Cool 4 deg C | WEST04   | E32                         | 09/25/2023   | Lloyd Kahn |
| O4629-08 | AT016P-SD01-00-092523 | Solid  | TOC  | Cool 4 deg C | WEST04   | E32                         | 09/25/2023   | Lloyd Kahn |
| O4629-09 | AT016P-SD02-00-092523 | Solid  | TOC  | Cool 4 deg C | WEST04   | E32                         | 09/25/2023   | Lloyd Kahn |
| O4629-10 | AT016P-SD03-00-092523 | Solid  | TOC  | Cool 4 deg C | WEST04   | E32                         | 09/25/2023   | Lloyd Kahn |
| O4630-01 | AT090P-SD03-00-092623 | Solid  | TOC  | Cool 4 deg C | WEST04   | E32                         | 09/25/2023   | Lloyd Kahn |
| O4630-02 | AT014P-SD01-00-092623 | Solid  | TOC  | Cool 4 deg C | WEST04   | E21                         | 09/26/2023   | Lloyd Kahn |
| O4630-03 | AT030P-SD03-00-092623 | Solid  | TOC  | Cool 4 deg C | WEST04   | E21                         | 09/26/2023   | Lloyd Kahn |

Date/Time 10/09/23 08:50  
 Raw Sample Received by: 121451  
 Raw Sample Relinquished by: 28602

Date/Time 10/09/23 15:20  
 Raw Sample Received by: 28602  
 Raw Sample Relinquished by: 121451