

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101420\  
 Data File : VW016895.D  
 Acq On : 13 Oct 2020 13:22  
 Operator : SY/VA  
 Sample : L4382-05  
 Misc : 5.35G/10ML/MSVOA W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG3X7

Manual Integrations  
 APPROVED

MMDadoda  
 10/15/2020 4:55:04 PM

Quant Time: Oct 14 08:58:15 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100720S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 14 08:34:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 617676   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 558762   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 267831   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 157364   | 25.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 103.32% |
| 7) Chloroethane-d5             | 2.89   | 69    | 132331   | 25.89    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 103.56% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 230505   | 17.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 71.24%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 69475    | 50.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 100.68% |
| 24) Chloroform-d               | 7.65   | 84    | 329735   | 25.30    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 101.20% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 164865   | 26.19    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 104.76% |
| 29) Benzene-d6                 | 8.27   | 84    | 680204   | 26.80    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 107.20% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 186781   | 27.39    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 109.56% |
| 37) Toluene-d8                 | 10.33  | 98    | 644545   | 26.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 107.68% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 76483    | 25.43    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 101.72% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 59445    | 56.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 112.72% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 141140   | 25.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 102.48% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 237156   | 27.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 111.68% |

| Target Compounds       |      |    |        | Ovalue     |
|------------------------|------|----|--------|------------|
| 13) Acetone            | 4.12 | 43 | 4906m  | 4.697 ug/L |
| 16) Methylene chloride | 4.93 | 84 | 14540m | 1.706 ug/L |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101420\  
Data File : VW016895.D  
Acq On : 13 Oct 2020 13:22  
Operator : SY/VA  
Sample : L4382-05  
Misc : 5.35G/10ML/MSVOA W/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BG3X7

Manual Integrations  
APPROVED

MMDadoda  
10/15/2020 4:55:04 PM

Quant Time: Oct 14 08:58:15 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100720S.M  
Quant Title : VOC Analysis  
QLast Update : Wed Oct 14 08:34:08 2020  
Response via : Initial Calibration

