

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031921\  
 Data File : VW018396.D  
 Acq On : 19 Mar 2021 18:05  
 Operator : SY/VA  
 Sample : M1698-09  
 Misc : 5.50G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG4H3

Quant Time: Mar 20 01:43:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 20 01:36:44 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 531586   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 470591   | 25.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 203859   | 25.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 189743   | 25.65    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 102.60%  |
| 7) Chloroethane-d5            | 2.891  | 69    | 170300   | 26.30    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 105.20%  |
| 10) 1,1-Dichloroethene-d2     | 4.019  | 63    | 228272   | 17.87    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 71.48%   |
| 20) 2-Butanone-d5             | 7.074  | 46    | 81130    | 49.26    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 98.52%   |
| 24) Chloroform-d              | 7.647  | 84    | 317355   | 23.44    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 93.76%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 193632   | 24.50    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 98.00%   |
| 29) Benzene-d6                | 8.274  | 84    | 620128   | 24.79    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 99.16%   |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67    | 182390   | 25.27    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 101.08%  |
| 37) Toluene-d8                | 10.323 | 98    | 578771   | 24.03    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 96.12%   |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 82470    | 22.16    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 88.64%   |
| 39) 2-Hexanone-d5             | 10.920 | 63    | 68110    | 48.23    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 96.46%   |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 150624   | 23.33    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 93.32%   |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 180790   | 24.94    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 99.76%   |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.129  | 43    | 5682     | 4.80     | ug/L   | 78       |
| 14) Carbon disulfide          | 4.391  | 76    | 20495    | 1.02     | ug/L   | 96       |
| 16) Methylene chloride        | 4.921  | 84    | 26184    | 3.00     | ug/L   | 91       |
| 35) Trichloroethene           | 9.091  | 95    | 15321    | 2.03     | ug/L   | 96       |
| 47) Tetrachloroethene         | 10.859 | 164   | 394392   | 68.98    | ug/L   | 89       |
| -----                         |        |       |          |          |        |          |

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

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