

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040821\  
 Data File : VW018609.D  
 Acq On : 08 Apr 2021 17:55  
 Operator : SY/VA  
 Sample : M1968-16  
 Misc : 5.68G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG778

Quant Time: Apr 09 03:14:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 09 03:11:49 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 345478   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 262719   | 25.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 78053    | 25.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 91347    | 19.00    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 76.00%   |
| 7) Chloroethane-d5            | 2.891  | 69    | 76796    | 18.25    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 73.00%   |
| 10) 1,1-Dichloroethene-d2     | 4.013  | 63    | 102743   | 12.38    | ug/L   | -0.01    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 49.52%   |
| 20) 2-Butanone-d5             | 7.080  | 46    | 58234    | 54.41    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 108.82%  |
| 24) Chloroform-d              | 7.653  | 84    | 157278   | 17.87    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 71.48%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 98995    | 19.27    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 77.08%   |
| 29) Benzene-d6                | 8.275  | 84    | 300498   | 21.52    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 86.08%   |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67    | 88162    | 21.88    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 87.52%   |
| 37) Toluene-d8                | 10.323 | 98    | 263128   | 19.57    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 78.28%   |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 28084    | 13.52    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 54.08%   |
| 39) 2-Hexanone-d5             | 10.927 | 63    | 41543    | 52.69    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 105.38%  |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 83891    | 23.28    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 93.12%   |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 48428    | 17.45    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 69.80%#  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.129  | 43    | 14396    | 18.72    | ug/L   | 95       |
| 16) Methylene chloride        | 4.915  | 84    | 21435    | 3.78     | ug/L   | 97       |
| 21) 2-Butanone                | 7.183  | 43    | 2658     | 2.18     | ug/L # | 62       |
| 44) Toluene                   | 10.390 | 91    | 5243     | 0.30     | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

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

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