

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121821\  
 Data File : VW021487.D  
 Acq On : 18 Dec 2021 19:30  
 Operator : SY/VA  
 Sample : M5171-08  
 Misc : 6.01g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLA4

Quant Time: Dec 18 23:13:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Dec 18 00:55:20 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 156206   | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 144933   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 62626    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 50908    | 17.894   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.560%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 33032    | 17.564   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 70.240%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 62064    | 16.364   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 65.440%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 16453    | 41.028   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 82.060%  |
| 24) Chloroform-d              | 7.647  | 84    | 91284    | 20.970   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 83.880%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 51129    | 22.081   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 88.320%  |
| 32) Benzene-d6                | 8.275  | 84    | 177057   | 22.287   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 89.160%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 49212    | 23.098   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 92.400%  |
| 41) Toluene-d8                | 10.323 | 98    | 173228   | 21.341   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 85.360%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 19947    | 20.333   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 81.320%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 13840    | 43.929   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 87.860%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 35644    | 19.461   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 77.840%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 48173    | 19.848   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 79.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 2177     | 0.985    | ug/L   | 78       |
| 46) Tetrachloroethene         | 10.866 | 164   | 3705     | 1.760    | ug/L   | 89       |
| -----                         |        |       |          |          |        |          |

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

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