

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080621\  
 Data File : VW019697.D  
 Acq On : 06 Aug 2021 12:19  
 Operator : SY/VA  
 Sample : M3287-10  
 Misc : 4.31g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGB11

Quant Time: Aug 07 01:03:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 07 01:03:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 375213   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 303305   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 102334   | 25.000   | ug/L  | 0.00      |
|                               |        |       |          |          |       |           |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 148880   | 28.004   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 112.000%  |
| 7) Chloroethane-d5            | 2.897  | 69    | 114468   | 30.194   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 120.760%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 243263   | 23.715   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 94.840%   |
| 21) 2-Butanone-d5             | 7.080  | 46    | 95767    | 62.065   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 124.120%  |
| 24) Chloroform-d              | 7.647  | 84    | 343328   | 33.116   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 132.480%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 211687   | 37.207   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 148.840%# |
| 32) Benzene-d6                | 8.275  | 84    | 679126   | 37.615   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 150.440%# |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 210122   | 37.340   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 149.360%# |
| 41) Toluene-d8                | 10.323 | 98    | 612138   | 37.605   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 150.440%# |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 86257    | 35.793   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 143.160%# |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 76103    | 72.896   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 145.800%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 173201   | 38.091   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 152.360%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 152758   | 42.308   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 169.240%# |
|                               |        |       |          |          |       |           |
| Target Compounds              |        |       |          |          |       | Qvalue    |
| 16) Methylene chloride        | 4.915  | 84    | 28194    | 3.769    | ug/L  | 97        |
| 42) Toluene                   | 10.390 | 91    | 9494     | 0.480    | ug/L  | 99        |
| -----                         |        |       |          |          |       |           |

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

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