

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121521\  
 Data File : VW021391.D  
 Acq On : 15 Dec 2021 15:53  
 Operator : SY/VA  
 Sample : M5101-08  
 Misc : 5.82g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGL31

Quant Time: Dec 16 00:59:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 16 00:57:02 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 95730    | 25.000   | ug/L   | # 0.00    |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 88996    | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 37748    | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 33703    | 19.331   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 77.320%   |
| 7) Chloroethane-d5            | 2.879  | 69    | 25798    | 22.383   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 89.520%   |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 35451    | 15.252   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 61.000%   |
| 21) 2-Butanone-d5             | 7.080  | 46    | 17134    | 69.717   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 139.440%# |
| 24) Chloroform-d              | 7.647  | 84    | 63605    | 23.842   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 95.360%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 36457    | 25.691   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 102.760%  |
| 32) Benzene-d6                | 8.275  | 84    | 117358   | 24.058   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 96.240%   |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 34481    | 26.356   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 105.440%  |
| 41) Toluene-d8                | 10.323 | 98    | 109128   | 21.895   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 87.560%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 13501    | 22.412   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 89.640%   |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 14087    | 72.817   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 145.640%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 27659    | 24.594   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 98.360%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 29893    | 20.433   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 81.720%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.123  | 43    | 3110     | 14.116   | ug/L   | 98        |
| 30) 1,1,1-Trichloroethane     | 7.866  | 97    | 3557     | 1.781    | ug/L   | 97        |
| 46) Tetrachloroethene         | 10.860 | 164   | 26300    | 20.343   | ug/L   | 93        |
| -----                         |        |       |          |          |        |           |

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

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