

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121523\  
 Data File : VW027652.D  
 Acq On : 15 Dec 2023 22:19  
 Operator : SY/MD  
 Sample : 05834-09  
 Misc : 4.80g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGR21

Quant Time: Dec 16 01:41:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Dec 16 00:05:51 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 579287   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 483270   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 214225   | 25.000   | ug/L  | 0.00      |
|                               |        |       |          |          |       |           |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 231214   | 28.183   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 112.720%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 189850   | 29.721   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 118.880%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 90031    | 27.401   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 109.600%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 75291    | 53.894   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 107.780%  |
| 24) Chloroform-d              | 7.648  | 84    | 400402   | 29.048   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 116.200%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 192026   | 29.670   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 118.680%  |
| 32) Benzene-d6                | 8.276  | 84    | 865899   | 30.658   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 122.640%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 252791   | 31.592   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 126.360%# |
| 41) Toluene-d8                | 10.318 | 98    | 737170   | 28.131   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 112.520%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 91047    | 29.389   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 117.560%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 67327    | 57.738   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 115.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 180598   | 29.845   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 119.360%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 207435   | 27.051   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 108.200%  |
|                               |        |       |          |          |       |           |
| Target Compounds              |        |       |          |          |       | Qvalue    |
| 46) Tetrachloroethene         | 10.861 | 164   | 30368    | 4.980    | ug/L  | 92        |
| -----                         |        |       |          |          |       |           |

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

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