

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122123\  
 Data File : VW027824.D  
 Acq On : 21 Dec 2023 16:16  
 Operator : SY/MD  
 Sample : 05807-20  
 Misc : 5.06g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

Quant Time: Dec 21 22:43:18 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sun Dec 17 01:25:09 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 340893   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 312698   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 143118   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 76172    | 15.778   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 63.120%  |
| 7) Chloroethane-d5            | 2.905  | 69    | 63970    | 17.018   | ug/L  | 0.01     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 68.080%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 32207    | 16.657   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 66.640%  |
| 21) 2-Butanone-d5             | 7.087  | 46    | 28519    | 34.690   | ug/L  | -0.01    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 69.380%  |
| 24) Chloroform-d              | 7.648  | 84    | 152800   | 18.837   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 75.360%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 71089    | 18.665   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 74.680%  |
| 32) Benzene-d6                | 8.276  | 84    | 325196   | 17.794   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 71.160%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 90906    | 17.558   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 70.240%  |
| 41) Toluene-d8                | 10.325 | 98    | 308359   | 18.186   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 72.760%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 33308    | 16.616   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 66.480%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 24992    | 33.124   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 66.240%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 69941    | 17.863   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 71.440%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.854 | 152   | 100007   | 19.521   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 78.080%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.917  | 84    | 12139    | 2.271    | ug/L  | 90       |
| -----                         |        |       |          |          |       |          |

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

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