

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062724\  
 Data File : VW029384.D  
 Acq On : 27 Jun 2024 16:21  
 Operator : SY/MD  
 Sample : VIBLK486  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK486

Quant Time: Jun 28 00:55:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jun 27 05:32:27 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 257145   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 246044   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 108293   | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 71887    | 20.198   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 80.800%   |
| 7) Chloroethane-d5            | 2.893  | 69    | 59710    | 19.866   | ug/L  | -0.01     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 79.480%   |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 35931    | 20.909   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 83.640%   |
| 21) 2-Butanone-d5             | 7.081  | 46    | 50905    | 47.805   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 95.600%   |
| 24) Chloroform-d              | 7.648  | 84    | 165847   | 21.621   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 86.480%   |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 100535   | 22.827   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 91.320%   |
| 32) Benzene-d6                | 8.270  | 84    | 325114   | 21.754   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 87.000%   |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 108695   | 22.880   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 91.520%   |
| 41) Toluene-d8                | 10.319 | 98    | 288668   | 21.832   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 87.320%   |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 41017    | 21.426   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 85.720%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 33569    | 45.076   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 90.160%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 82334    | 21.776   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 87.120%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 98763    | 26.274   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 105.080%  |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 4.923  | 84    | 11749    | 2.598    | ug/L  | Qvalue 93 |
| -----                         |        |       |          |          |       |           |

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

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