

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111822\  
 Data File : VW025093.D  
 Acq On : 18 Nov 2022 12:24  
 Operator : SY/VA  
 Sample : N5659-03  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

Quant Time: Nov 19 04:32:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM102622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Nov 17 23:58:11 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 408253   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 368498   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 168141   | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 82767    | 18.062   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 72.240%   |
| 7) Chloroethane-d5            | 2.891  | 69    | 62899    | 23.432   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 93.720%   |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 157578   | 13.805   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 55.200%   |
| 21) 2-Butanone-d5             | 7.080  | 46    | 54580    | 35.292   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 70.580%   |
| 24) Chloroform-d              | 7.647  | 84    | 253383   | 20.451   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 81.800%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 123469   | 17.803   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 71.200%   |
| 32) Benzene-d6                | 8.275  | 84    | 506808   | 21.457   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 85.840%   |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 152685   | 22.062   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 88.240%   |
| 41) Toluene-d8                | 10.323 | 98    | 441122   | 20.061   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 80.240%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 51848    | 16.896   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 67.600%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 41587    | 34.787   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 69.580%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 103874   | 18.798   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 75.200%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 137603   | 21.296   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 85.200%   |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 4.922  | 84    | 24424    | 3.369    | ug/L  | Qvalue 94 |
| -----                         |        |       |          |          |       |           |

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

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