

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052424\  
 Data File : VD079011.D  
 Acq On : 24 May 2024 11:47  
 Operator : RP/MD  
 Sample : P2570-19  
 Misc : 6.40G/10ml/MSVOA\_D/SOIL/VIAL A  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 BH5R3

Quant Time: May 24 23:25:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM051724SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 24 02:12:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 145885   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 117841   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 30248    | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.269  | 65    | 87655    | 24.510   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 98.040%   |
| 7) Chloroethane-d5            | 2.799  | 69    | 97512    | 25.472   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 101.880%  |
| 11) 1,1-Dichloroethene-d2     | 3.916  | 65    | 15482    | 22.193   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 88.760%   |
| 21) 2-Butanone-d5             | 6.987  | 46    | 16906    | 33.398   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 66.800%   |
| 24) Chloroform-d              | 7.569  | 84    | 86873    | 20.003   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 80.000%   |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 42604    | 20.657   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 82.640%   |
| 32) Benzene-d6                | 8.199  | 84    | 164282   | 27.322   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 109.280%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 51399    | 28.055   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 112.200%  |
| 41) Toluene-d8                | 10.269 | 98    | 125830   | 22.703   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 90.800%   |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 15010    | 17.786   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 71.160%   |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 12599    | 34.313   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 68.620%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.645 | 84    | 47350    | 22.720   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 90.880%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.810 | 152   | 23760    | 23.143   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 92.560%   |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 4.793  | 84    | 25789    | 7.463    | ug/L  | Qvalue 92 |
| -----                         |        |       |          |          |       |           |

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

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