

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052424\  
 Data File : VD079027.D  
 Acq On : 24 May 2024 19:48  
 Operator : RP/MD  
 Sample : P2577-18  
 Misc : 5.78G/10ml/MSVOA\_D/SOIL/VIAL A  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 BHBW4

Quant Time: May 24 23:27:27 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   | 165814   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 135410   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 33284    | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.269  | 65    | 96926    | 23.845   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 95.400%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 93288    | 21.440   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 85.760%  |
| 11) 1,1-Dichloroethene-d2     | 3.910  | 65    | 13389    | 16.886   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 67.560%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 13729    | 23.862   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 47.720%  |
| 24) Chloroform-d              | 7.563  | 84    | 75089    | 15.212   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 60.840%  |
| 26) 1,2-Dichloroethane-d4     | 8.234  | 65    | 39908    | 17.024   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 68.080%# |
| 32) Benzene-d6                | 8.204  | 84    | 149445   | 21.630   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 86.520%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 46313    | 21.999   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 88.000%  |
| 41) Toluene-d8                | 10.269 | 98    | 108972   | 17.111   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 68.440%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 13429    | 13.848   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 55.400%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 10933    | 25.912   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 51.820%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.645 | 84    | 41015    | 17.127   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 68.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 19396    | 17.169   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 68.680%# |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.799  | 84    | 10726    | 2.731    | ug/L  | 89       |
| 25) Chloroform                | 7.599  | 83    | 6139     | 1.042    | ug/L  | 94       |
| -----                         |        |       |          |          |       |          |

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

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