

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111323\  
 Data File : VD077544.D  
 Acq On : 13 Nov 2023 13:02  
 Operator : JC/SY  
 Sample : 05296-16  
 Misc : 5.66G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 BH3T2

Quant Time: Nov 16 00:42:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM110923SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Nov 10 02:07:44 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.781  | 114   | 481932   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.587 | 117   | 416934   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 158937   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.281  | 65    | 207728   | 16.944   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 67.760%  |
| 7) Chloroethane-d5            | 2.811  | 69    | 176078   | 18.283   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 73.120%  |
| 11) 1,1-Dichloroethene-d2     | 3.922  | 65    | 69301    | 18.281   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 73.120%  |
| 21) 2-Butanone-d5             | 6.993  | 46    | 63007    | 29.684   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 59.360%  |
| 24) Chloroform-d              | 7.575  | 84    | 265562   | 19.075   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 76.320%  |
| 26) 1,2-Dichloroethane-d4     | 8.234  | 65    | 137503   | 18.568   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 74.280%  |
| 32) Benzene-d6                | 8.204  | 84    | 564839   | 20.873   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 83.480%  |
| 36) 1,2-Dichloropropane-d6    | 9.216  | 67    | 180246   | 20.449   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 81.800%  |
| 41) Toluene-d8                | 10.269 | 98    | 490566   | 20.062   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 80.240%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 70680    | 18.598   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 74.400%  |
| 47) 2-Hexanone-d5             | 10.881 | 63    | 50345    | 31.929   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 63.860%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 96878    | 16.589   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 66.360%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 110982   | 19.628   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 78.520%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.810  | 84    | 9620     | 1.182    | ug/L  | 96       |
| 46) Tetrachloroethene         | 10.810 | 164   | 21182    | 4.018    | ug/L  | 89       |
| -----                         |        |       |          |          |       |          |

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

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