

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD082523\  
 Data File : VD077021.D  
 Acq On : 25 Aug 2023 17:49  
 Operator : JC/SY  
 Sample : 04172-06  
 Misc : 6.47G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 DCHU9

Quant Time: Aug 25 23:56:15 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM080323SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 25 23:54:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 238002   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 245992   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 116275   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.270  | 65    | 100901   | 15.416   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 61.680%  |
| 7) Chloroethane-d5            | 2.793  | 69    | 111220   | 18.381   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 73.520%  |
| 11) 1,1-Dichloroethene-d2     | 3.911  | 65    | 26009    | 16.771   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 67.080%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 58677    | 55.838   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 111.680% |
| 24) Chloroform-d              | 7.563  | 84    | 169963   | 21.930   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 87.720%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 88594    | 22.932   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 91.720%  |
| 32) Benzene-d6                | 8.199  | 84    | 313079   | 20.243   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 80.960%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 102450   | 21.545   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 86.160%  |
| 41) Toluene-d8                | 10.269 | 98    | 279115   | 19.684   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 78.720%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 43942    | 20.439   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 81.760%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 50883    | 56.018   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 112.040% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 116845   | 25.429   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 101.720% |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 109103   | 25.666   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 102.680% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.793  | 84    | 21026    | 4.212    | ug/L  | 81       |
| -----                         |        |       |          |          |       |          |

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

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