

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD040423\  
 Data File : VD075571.D  
 Acq On : 04 Apr 2023 16:58  
 Operator : KP/SY  
 Sample : 02130-19  
 Misc : 5.10G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VHBLK002

Quant Time: Apr 04 23:38:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM033123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Apr 01 00:08:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 471711   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 416635   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 131641   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.275  | 65    | 256207   | 23.328   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 93.320%  |
| 7) Chloroethane-d5            | 2.805  | 69    | 229457   | 23.479   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 93.920%  |
| 11) 1,1-Dichloroethene-d2     | 3.917  | 63    | 186437   | 21.046   | ug/L  | -0.01    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 84.200%  |
| 21) 2-Butanone-d5             | 6.981  | 46    | 42921    | 60.011   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 120.020% |
| 24) Chloroform-d              | 7.569  | 84    | 273304   | 24.575   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 98.280%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 120655   | 24.481   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 97.920%  |
| 32) Benzene-d6                | 8.199  | 84    | 621875   | 25.531   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 102.120% |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 163507   | 25.189   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 100.760% |
| 41) Toluene-d8                | 10.269 | 98    | 571022   | 25.001   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 100.000% |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 65508    | 24.208   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 96.840%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 38989    | 50.757   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 101.520% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 124773   | 25.658   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 102.640% |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 126438   | 28.000   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 112.000% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.805  | 84    | 19422    | 2.995    | ug/L  | 95       |
| -----                         |        |       |          |          |       |          |

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

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