

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050523\  
 Data File : VD076022.D  
 Acq On : 05 May 2023 13:35  
 Operator : KP/SY  
 Sample : 02589-17  
 Misc : 5.26G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JRED5

Quant Time: May 06 00:23:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 06 00:21:26 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.781  | 114   | 395585   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 349615   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 117132   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.276  | 65    | 111173   | 12.811   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 51.240%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 118358   | 15.785   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 63.160%  |
| 11) 1,1-Dichloroethene-d2     | 3.917  | 65    | 28607    | 14.298   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 57.200%  |
| 21) 2-Butanone-d5             | 6.993  | 46    | 50810    | 67.444   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 134.880% |
| 24) Chloroform-d              | 7.569  | 84    | 207690   | 20.995   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 84.000%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 99082    | 23.455   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 93.800%  |
| 32) Benzene-d6                | 8.205  | 84    | 364095   | 17.868   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 71.480%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 132707   | 23.529   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 94.120%  |
| 41) Toluene-d8                | 10.269 | 98    | 310460   | 16.274   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 65.080%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 47922    | 20.556   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 82.240%  |
| 47) 2-Hexanone-d5             | 10.881 | 63    | 40470    | 59.592   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 119.180% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 125494   | 29.077   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 116.320% |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 100861   | 24.344   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 97.360%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 13) Acetone                   | 4.028  | 43    | 3407     | 5.285    | ug/L  | 93       |
| 16) Methylene chloride        | 4.799  | 84    | 14769    | 1.840    | ug/L  | 93       |
| -----                         |        |       |          |          |       |          |

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

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