

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050423\  
 Data File : VD076012.D  
 Acq On : 04 May 2023 18:59  
 Operator : KP/SY  
 Sample : 02589-01  
 Misc : 4.33G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JREA1

Quant Time: May 05 00:51:39 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 05 00:35:29 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 473407   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 385041   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 109866   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.269  | 65    | 154269   | 14.855   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 59.400%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 159752   | 17.803   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 71.200%  |
| 11) 1,1-Dichloroethene-d2     | 3.910  | 65    | 37547    | 15.682   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 62.720%  |
| 21) 2-Butanone-d5             | 6.981  | 46    | 55539    | 61.602   | ug/L  | -0.01    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 123.200% |
| 24) Chloroform-d              | 7.563  | 84    | 263276   | 22.239   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 88.960%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 119990   | 23.735   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 94.920%  |
| 32) Benzene-d6                | 8.198  | 84    | 465906   | 20.761   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 83.040%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 165475   | 26.639   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 106.560% |
| 41) Toluene-d8                | 10.269 | 98    | 385900   | 18.367   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 73.480%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 53084    | 20.675   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 82.720%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 42543    | 56.881   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 113.760% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 137501   | 28.927   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 115.720% |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 97535    | 25.098   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 100.400% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.805  | 84    | 18911    | 1.969    | ug/L  | 96       |
| -----                         |        |       |          |          |       |          |

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

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