

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050823\  
 Data File : VD076040.D  
 Acq On : 08 May 2023 15:33  
 Operator : KP/SY  
 Sample : 02591-25  
 Misc : 4.84G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JREB5

Quant Time: May 09 02:37:36 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        | 8.775  | 114   | 402565   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 273700   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 56526    | 25.000   | ug/L  | 0.00      |
|                               |        |       |          |          |       |           |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.270  | 65    | 129895   | 14.709   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 58.840%   |
| 7) Chloroethane-d5            | 2.793  | 69    | 136027   | 17.827   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 71.320%   |
| 11) 1,1-Dichloroethene-d2     | 3.911  | 65    | 28989    | 14.238   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 56.960%   |
| 21) 2-Butanone-d5             | 6.987  | 46    | 50819    | 66.286   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 132.580%  |
| 24) Chloroform-d              | 7.569  | 84    | 219095   | 21.764   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 87.040%   |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 99317    | 23.103   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 92.400%   |
| 32) Benzene-d6                | 8.199  | 84    | 372263   | 23.336   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 93.360%   |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 132969   | 30.114   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 120.440%# |
| 41) Toluene-d8                | 10.269 | 98    | 267394   | 17.904   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 71.600%   |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 42494    | 23.283   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 93.120%   |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 35985    | 67.685   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 135.380%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 105663   | 31.272   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 125.080%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 44097    | 22.055   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 88.240%   |
|                               |        |       |          |          |       |           |
| Target Compounds              |        |       |          |          |       | Qvalue    |
| 16) Methylene chloride        | 4.793  | 84    | 23838    | 2.919    | ug/L  | 88        |
| -----                         |        |       |          |          |       |           |

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

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