

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111823\  
 Data File : VD077626.D  
 Acq On : 18 Nov 2023 13:04  
 Operator : JC/SY  
 Sample : 05416-25  
 Misc : 5.12G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C0AH8

Quant Time: Nov 19 23:24:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM110923SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sun Nov 19 23:22:21 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :John Carlone 11/20/2023  
 Supervised By :Mahesh Dadoda 11/20/2023

11/20/2023  
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 Dadoda

| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| -----                         |        |                |          |        |           |          |
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 8.781  | 114            | 4649     | 25.000 | ug/L      | # 0.00   |
| 28) Chlorobenzene-d5          | 11.581 | 117            | 3856     | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152            | 1433     | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 2.270  | 65             | 1572     | 13.292 | ug/L      | -0.01    |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 53.160%   |          |
| 7) Chloroethane-d5            | 2.799  | 69             | 861      | 9.267  | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 37.080%   |          |
| 11) 1,1-Dichloroethene-d2     | 3.940  | 65             | 337m     | 9.215  | ug/L      | 0.02     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 36.880%#  |          |
| 21) 2-Butanone-d5             | 6.993  | 46             | 938m     | 45.811 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 91.620%   |          |
| 24) Chloroform-d              | 7.569  | 84             | 3030     | 22.562 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 90.240%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.240  | 65             | 2089     | 29.243 | ug/L      | 0.01     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 116.960%  |          |
| 32) Benzene-d6                | 8.205  | 84             | 5511     | 22.020 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 88.080%   |          |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67             | 2245     | 27.539 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 110.160%  |          |
| 41) Toluene-d8                | 10.269 | 98             | 4503     | 19.912 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 79.640%   |          |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79             | 517      | 14.709 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 58.840%   |          |
| 47) 2-Hexanone-d5             | 10.881 | 63             | 526m     | 36.069 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 72.140%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84             | 1648     | 30.512 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 122.040%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152            | 1133     | 22.225 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 88.880%   |          |
| Target Compounds              |        |                |          |        |           |          |
| 16) Methylene chloride        | 4.793  | 84             | 1255m    | 15.989 | ug/L      | Qvalue   |
| -----                         |        |                |          |        |           |          |

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

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