

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042123\  
 Data File : VD075774.D  
 Acq On : 21 Apr 2023 14:30  
 Operator : KP/SY  
 Sample : 02447-06  
 Misc : 4.37G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EW911

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 04/24/2023  
 Supervised By :Semsettin Yesilyurt 04/24/2023

Quant Time: Apr 22 03:55:13 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Apr 22 03:53:08 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.781  | 114   | 280117   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 183568   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 32436    | 25.000   | ug/L  | 0.00      |
|                               |        |       |          |          |       |           |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.275  | 65    | 222026   | 36.131   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 144.520%  |
| 7) Chloroethane-d5            | 2.805  | 69    | 182421   | 34.358   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 137.440%  |
| 11) 1,1-Dichloroethene-d2     | 3.916  | 65    | 41874    | 29.557   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 118.240%# |
| 21) 2-Butanone-d5             | 6.993  | 46    | 26938    | 50.496   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 101.000%  |
| 24) Chloroform-d              | 7.569  | 84    | 208215   | 29.725   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 118.880%  |
| 26) 1,2-Dichloroethane-d4     | 8.234  | 65    | 94019m   | 31.430   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 125.720%  |
| 32) Benzene-d6                | 8.204  | 84    | 437594   | 40.900   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 163.600%# |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 128289   | 43.320   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 173.280%# |
| 41) Toluene-d8                | 10.269 | 98    | 323058   | 32.253   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 129.000%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 36400    | 29.737   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 118.960%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 22441    | 62.935   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 125.860%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 74314    | 32.793   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 131.160%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 31105    | 27.111   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 108.440%  |
|                               |        |       |          |          |       |           |
| Target Compounds              |        |       |          |          |       | Qvalue    |
| 16) Methylene chloride        | 4.799  | 84    | 35269    | 6.207    | ug/L  | 95        |
| -----                         |        |       |          |          |       |           |

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

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