

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062923\  
 Data File : VD076637.D  
 Acq On : 29 Jun 2023 14:28  
 Operator : KP/SY  
 Sample : 03422-22RE  
 Misc : 5.37G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46G1RE

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 06/30/2023  
 Supervised By :Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 01:15:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 01:50:34 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 33118    | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 22055    | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 6607     | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.263  | 65    | 8592     | 10.653   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 42.600%   |
| 7) Chloroethane-d5            | 2.793  | 69    | 9838     | 15.086   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 60.360%   |
| 11) 1,1-Dichloroethene-d2     | 3.899  | 65    | 2642m    | 12.550   | ug/L   | -0.01     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 50.200%   |
| 21) 2-Butanone-d5             | 6.993  | 46    | 23552    | 192.819  | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 385.640%# |
| 24) Chloroform-d              | 7.563  | 84    | 18673    | 21.401   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 85.600%   |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 13557    | 31.496   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 126.000%  |
| 32) Benzene-d6                | 8.193  | 84    | 30976    | 22.960   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 91.840%   |
| 36) 1,2-Dichloropropane-d6    | 9.204  | 67    | 12695    | 29.479   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 117.920%  |
| 41) Toluene-d8                | 10.275 | 98    | 17886    | 14.318   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 57.280%   |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 5718     | 31.923   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 127.680%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 14720    | 220.199  | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 440.400%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 16476    | 53.776   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 215.120%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 3942     | 16.278   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 65.120%#  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.022  | 43    | 20443    | 207.215  | ug/L   | 97        |
| 22) 2-Butanone                | 7.087  | 43    | 9479     | 59.538   | ug/L # | 62        |
| -----                         |        |       |          |          |        |           |

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

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