

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061824\  
 Data File : VD079196.D  
 Acq On : 18 Jun 2024 10:50  
 Operator : RP/MD  
 Sample : VD0618SBL01  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK810

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 06/19/2024  
 Supervised By :Semsettin Yesilyurt 06/19/2024

Quant Time: Jun 19 08:29:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM052924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 19 07:16:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                         |                |      |                     |        |       |          |
| Internal Standards            |                |      |                     |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.775          | 114  | 189274              | 25.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.580         | 117  | 191745              | 25.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516         | 152  | 78564               | 25.000 | ug/L  | 0.00     |
|                               |                |      |                     |        |       |          |
| System Monitoring Compounds   |                |      |                     |        |       |          |
| 4) Vinyl Chloride-d3          | 2.269          | 65   | 145996              | 25.066 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 100.280% |        |       |          |
| 7) Chloroethane-d5            | 2.799          | 69   | 130767              | 23.219 | ug/L  | 0.01     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 92.880%  |        |       |          |
| 11) 1,1-Dichloroethene-d2     | 3.916          | 65   | 23124               | 22.364 | ug/L  | 0.01     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 89.440%  |        |       |          |
| 21) 2-Butanone-d5             | 6.992          | 46   | 23814               | 53.455 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 106.900% |        |       |          |
| 24) Chloroform-d              | 7.563          | 84   | 119089              | 22.503 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 90.000%  |        |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.228          | 65   | 62567               | 25.628 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 102.520% |        |       |          |
| 32) Benzene-d6                | 8.198          | 84   | 252705              | 23.774 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 95.080%  |        |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 75103               | 24.528 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 98.120%  |        |       |          |
| 41) Toluene-d8                | 10.269         | 98   | 231601              | 23.270 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 93.080%  |        |       |          |
| 43) trans-1,3-Dichloroprop... | 10.522         | 79   | 31413               | 24.408 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 97.640%  |        |       |          |
| 47) 2-Hexanone-d5             | 10.875         | 63   | 19854               | 50.157 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 100.320% |        |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.645         | 84   | 66227               | 24.419 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 97.680%  |        |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.810         | 152  | 74367               | 27.428 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 109.720% |        |       |          |
|                               |                |      |                     |        |       |          |
| Target Compounds              |                |      |                     |        |       | Qvalue   |
| 16) Methylene chloride        | 4.793          | 84   | 10295m              | 3.053  | ug/L  |          |
| -----                         |                |      |                     |        |       |          |

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

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