

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW053024\  
 Data File : VW028912.D  
 Acq On : 30 May 2024 15:28  
 Operator : SY/MD  
 Sample : P2647-15  
 Misc : 5.27g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BHBS9

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2024  
 Supervised By :Mahesh Dadoda 05/31/2024

Quant Time: May 31 01:35:16 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 29 23:53:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|-------|----------|
| -----                         |                |      |            |           |       |          |
| Internal Standards            |                |      |            |           |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 281249     | 25.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 211061     | 25.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 58404      | 25.000    | ug/L  | 0.00     |
|                               |                |      |            |           |       |          |
| System Monitoring Compounds   |                |      |            |           |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 102111     | 19.119    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 76.480%   |       |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 97895      | 23.939    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 95.760%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 43826      | 19.641    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 78.560%   |       |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 42729      | 30.666    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 61.340%   |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 255499     | 29.073    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 116.280%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 140149m    | 27.856    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 111.440%  |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 460878     | 32.729    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 130.920%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 163083     | 38.487    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 153.960%# |       |          |
| 41) Toluene-d8                | 10.325         | 98   | 327732     | 26.280    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 105.120%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 34795      | 20.412    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 81.640%   |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 25738      | 35.217    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 70.440%   |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 116362     | 32.749    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 131.000%# |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 65415      | 29.386    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 117.560%  |       |          |
|                               |                |      |            |           |       |          |
| Target Compounds              |                |      |            |           |       | Qvalue   |
| 16) Methylene chloride        | 4.917          | 84   | 19184      | 4.410     | ug/L  | 92       |
| 46) Tetrachloroethene         | 10.861         | 164  | 768        | 0.290     | ug/L  | 87       |
| -----                         |                |      |            |           |       |          |

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

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