

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061424\  
 Data File : VW029161.D  
 Acq On : 14 Jun 2024 17:48  
 Operator : SY/MD  
 Sample : P2871-12  
 Misc : 5.41g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4CJ2

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2024  
 Supervised By :Mahesh Dadoda 06/21/2024

Quant Time: Jun 15 00:23:38 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jun 15 00:20:11 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.837          | 114  | 440760     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 407424     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 180972     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 128912     | 18.411   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 73.640%  |       |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 118612     | 22.060   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 88.240%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 60657      | 19.709   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 78.840%  |       |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 88301      | 61.722   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 123.440% |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 298588     | 23.746   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 95.000%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 174333m    | 26.334   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 105.320% |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 565120     | 22.599   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 90.400%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 183370     | 24.185   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 96.760%  |       |          |
| 41) Toluene-d8                | 10.325         | 98   | 491802     | 22.039   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 88.160%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.574         | 79   | 68146      | 23.390   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 93.560%  |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 62058      | 62.024   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 124.040% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 145120     | 27.552   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 110.200% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 157326     | 24.498   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 98.000%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 4.923          | 84   | 16176      | 2.445    | ug/L  | 94       |
| -----                         |                |      |            |          |       |          |

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

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