

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW012725\  
 Data File : VW031593.D  
 Acq On : 27 Jan 2025 15:17  
 Operator : SY/MD  
 Sample : Q1190-01  
 Misc : 11.11g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A44S2

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2025  
 Supervised By :Mahesh Dadoda 01/28/2025

Quant Time: Jan 28 00:25:30 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jan 28 00:17:29 2025  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|-------|----------|
| -----                         |                |      |            |           |       |          |
| Internal Standards            |                |      |            |           |       |          |
| 1) 1,4-Difluorobenzene        | 8.837          | 114  | 1051454    | 25.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 869277     | 25.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 346498     | 25.000    | ug/L  | 0.00     |
|                               |                |      |            |           |       |          |
| System Monitoring Compounds   |                |      |            |           |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 294537     | 17.852    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 71.400%   |       |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 241383     | 20.486    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 81.960%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.015          | 65   | 154871     | 21.097    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 84.400%   |       |          |
| 21) 2-Butanone-d5             | 7.088          | 46   | 227059     | 85.609    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 171.220%# |       |          |
| 24) Chloroform-d              | 7.642          | 84   | 648534     | 23.833    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 95.320%   |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.301          | 65   | 379248     | 28.316    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 113.280%  |       |          |
| 32) Benzene-d6                | 8.270          | 84   | 1336242    | 24.472    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 97.880%   |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 424001     | 26.300    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 105.200%  |       |          |
| 41) Toluene-d8                | 10.319         | 98   | 1147272    | 23.275    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 93.120%   |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 190067     | 28.709    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 114.840%  |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 165095     | 100.348   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 200.700%# |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 365455     | 37.068    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 148.280%# |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849         | 152  | 290248     | 23.883    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 95.520%   |       |          |
|                               |                |      |            |           |       |          |
| Target Compounds              |                |      |            |           |       | Qvalue   |
| 13) Acetone                   | 4.155          | 43   | 33943m     | 16.628    | ug/L  |          |
| -----                         |                |      |            |           |       |          |

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

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