

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW012725\  
 Data File : VW031591.D  
 Acq On : 27 Jan 2025 14:29  
 Operator : SY/MD  
 Sample : Q1190-16  
 Misc : 8.08g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A44T6

Manual Integrations  
 APPROVED

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

Quant Time: Jan 28 00:24:56 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        | 8.843          | 114  | 1082408    | 25.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 970548     | 25.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.550         | 152  | 472302     | 25.000    | ug/L  | 0.00     |
|                               |                |      |            |           |       |          |
| System Monitoring Compounds   |                |      |            |           |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 307026     | 18.076    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 72.320%   |       |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 231797     | 19.110    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 76.440%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.015          | 65   | 146425     | 19.376    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 77.520%   |       |          |
| 21) 2-Butanone-d5             | 7.087          | 46   | 181223     | 66.373    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 132.740%  |       |          |
| 24) Chloroform-d              | 7.642          | 84   | 630126     | 22.494    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 89.960%   |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 345119     | 25.031    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 100.120%  |       |          |
| 32) Benzene-d6                | 8.270          | 84   | 1310787    | 21.501    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 86.000%   |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 402529     | 22.363    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 89.440%   |       |          |
| 41) Toluene-d8                | 10.318         | 98   | 1166956    | 21.204    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 84.800%   |       |          |
| 43) trans-1,3-Dichloroprop... | 10.574         | 79   | 175220     | 23.705    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 94.840%   |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 135877     | 73.971    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 147.940%# |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.684         | 84   | 326059     | 29.621    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 118.480%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 374461     | 22.605    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 90.400%   |       |          |
|                               |                |      |            |           |       |          |
| Target Compounds              |                |      |            |           |       | Qvalue   |
| 13) Acetone                   | 4.161          | 43   | 27446m     | 13.061    | ug/L  |          |
| -----                         |                |      |            |           |       |          |

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

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