

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW012725\  
 Data File : VW031598.D  
 Acq On : 27 Jan 2025 17:18  
 Operator : SY/MD  
 Sample : Q1190-09  
 Misc : 5.02g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A44S8

Manual Integrations  
 APPROVED

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

Quant Time: Jan 28 00:26:51 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  | 829641     | 25.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 458355     | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 97361      | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 267836     | 20.574    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 82.280%   |        |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 201629     | 21.687    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 86.760%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.015          | 65   | 119754     | 20.675    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 82.680%   |        |          |
| 21) 2-Butanone-d5             | 7.087          | 46   | 143872     | 68.748    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 137.500%# |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 482894     | 22.490    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 89.960%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 252942     | 23.935    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 95.720%   |        |          |
| 32) Benzene-d6                | 8.276          | 84   | 966167     | 33.558    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 134.240%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 297419     | 34.987    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 139.960%# |        |          |
| 41) Toluene-d8                | 10.319         | 98   | 686413     | 26.410    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 105.640%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 96624      | 27.679    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 110.720%  |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 94993      | 109.502   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 219.000%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 135455     | 26.056    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 104.240%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 66911      | 19.594    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 78.360%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        |          |
| 13) Acetone                   | 4.149          | 43   | 308334     | 191.436   | ug/L # | 54       |
| 15) Methyl Acetate            | 4.685          | 43   | 16871m     | 3.998     | ug/L   |          |
| 22) 2-Butanone                | 7.179          | 43   | 35472m     | 12.895    | ug/L   |          |
| 42) Toluene                   | 10.386         | 91   | 23296      | 0.710     | ug/L   | 91       |
| -----                         |                |      |            |           |        |          |

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

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