

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW102423\  
 Data File : VW027421.D  
 Acq On : 24 Oct 2023 16:57  
 Operator : SY/MD  
 Sample : 05034-05  
 Misc : 6.12g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BH5K8

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023  
 Supervised By :Mahesh Dadoda 10/26/2023

Quant Time: Oct 25 01:33:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM101123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 25 01:28:28 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 223115     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 156286     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 37315      | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.357          | 65   | 53474      | 15.704   | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 62.800%  |        |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 46638      | 19.075   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 76.320%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 27339      | 16.023   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 64.080%  |        |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 45523      | 40.223   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 80.440%  |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 128195     | 19.278   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 77.120%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 74168m     | 20.763   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 83.040%  |        |          |
| 32) Benzene-d6                | 8.270          | 84   | 251508     | 23.786   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 95.160%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 83825      | 25.955   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 103.800% |        |          |
| 41) Toluene-d8                | 10.325         | 98   | 188216     | 19.629   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 78.520%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 26712      | 18.140   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 72.560%  |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 25812      | 38.629   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 77.260%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 49256      | 20.441   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 81.760%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849         | 152  | 25017      | 18.501   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 74.000%# |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 4.119          | 43   | 3650       | 3.734    | ug/L   | 71       |
| 16) Methylene chloride        | 4.917          | 84   | 13454      | 3.294    | ug/L   | 86       |
| 46) Tetrachloroethene         | 10.861         | 164  | 9684       | 5.198    | ug/L   | 90       |
| 52) Ethylbenzene              | 11.727         | 91   | 9706       | 0.780    | ug/L   | 97       |
| 53) m,p-Xylene                | 11.837         | 106  | 13117      | 2.778    | ug/L   | 98       |
| 54) o-Xylene                  | 12.160         | 106  | 5303       | 1.173    | ug/L   | 92       |
| -----                         |                |      |            |          |        |          |

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

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