

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051923\  
 Data File : VW026004.D  
 Acq On : 19 May 2023 14:52  
 Operator : SY/MD  
 Sample : 02851-09  
 Misc : 4.09g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 H0FK2

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 05/22/2023  
 Supervised By :Mahesh Dadoda 05/22/2023

Quant Time: May 20 05:08:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 20 04:57:36 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 765139     | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 652812     | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 240432     | 25.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 194088     | 17.901  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 71.600% |        |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 170488     | 21.209  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 84.840% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 97480      | 17.955  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 71.800% |        |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 149765     | 41.782  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 83.560% |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 457286     | 20.726  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 82.920% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 266184m    | 21.336  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 85.360% |        |          |
| 32) Benzene-d6                | 8.270          | 84   | 914398     | 21.437  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 85.760% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 305159     | 22.359  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 89.440% |        |          |
| 41) Toluene-d8                | 10.325         | 98   | 752366     | 19.780  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 79.120% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 106395     | 19.232  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 76.920% |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 99995      | 42.967  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 85.940% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 228343     | 21.951  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 87.800% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.854         | 152  | 191228     | 21.818  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 87.280% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.124          | 43   | 35607      | 11.203  | ug/L   | 98       |
| 16) Methylene chloride        | 4.911          | 84   | 26222      | 1.662   | ug/L   | 98       |
| 22) 2-Butanone                | 7.173          | 43   | 23390      | 5.330   | ug/L   | 85       |
| -----                         |                |      |            |         |        |          |

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

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