

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092123\  
 Data File : VW027165.D  
 Acq On : 21 Sep 2023 16:33  
 Operator : SY/MD  
 Sample : VIBLK516  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK516

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2023  
 Supervised By :Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 00:53:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091823SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 22 00:52:03 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|----------------------|--------|-------|----------|
| -----                         |                |      |                      |        |       |          |
| Internal Standards            |                |      |                      |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 504635               | 25.000 | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 506533               | 25.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 239664               | 25.000 | ug/L  | 0.00     |
|                               |                |      |                      |        |       |          |
| System Monitoring Compounds   |                |      |                      |        |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 304819               | 37.542 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 150.160%# |        |       |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 247194               | 39.425 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 157.680%# |        |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.027          | 65   | 96589m               | 27.747 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 111.000%# |        |       |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 100741m              | 67.008 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 134.020%  |        |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 417002               | 27.505 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 110.040%  |        |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 230487               | 31.157 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 124.640%  |        |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 864833               | 26.438 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 105.760%  |        |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 270656               | 29.241 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 116.960%  |        |       |          |
| 41) Toluene-d8                | 10.325         | 98   | 687894               | 23.628 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 94.520%   |        |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 86229                | 23.053 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 92.200%   |        |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 56628                | 50.771 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 101.540%  |        |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 182372               | 24.590 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 98.360%   |        |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.854         | 152  | 219953               | 25.699 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 102.800%  |        |       |          |
|                               |                |      |                      |        |       |          |
| Target Compounds              |                |      |                      |        |       | Qvalue   |
| 16) Methylene chloride        | 4.923          | 84   | 48352                | 5.036  | ug/L  | 89       |
| -----                         |                |      |                      |        |       |          |

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

