

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051923\  
 Data File : VW025998.D  
 Acq On : 19 May 2023 10:40  
 Operator : SY/MD  
 Sample : VW0519SBL01  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK504

Manual Integrations  
 APPROVED

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

Quant Time: May 20 05:06:43 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  | 560221     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 522611     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 233880     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 159946     | 20.148  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 80.600% |       |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 135159     | 22.965  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 91.840% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 78238      | 19.682  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 78.720% |       |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 129364     | 49.292  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 98.580% |       |          |
| 24) Chloroform-d              | 7.642          | 84   | 381997     | 23.647  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 94.600% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.301          | 65   | 214295m    | 23.459  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 93.840% |       |          |
| 32) Benzene-d6                | 8.270          | 84   | 733146     | 21.469  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 85.880% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 252108     | 23.074  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 92.280% |       |          |
| 41) Toluene-d8                | 10.325         | 98   | 628087     | 20.626  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 82.520% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 90150      | 20.355  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 81.440% |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 87385      | 46.903  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 93.800% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 204967     | 24.613  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 98.440% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849         | 152  | 210486     | 24.688  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 98.760% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 4.923          | 84   | 26387      | 2.284   | ug/L  | 94       |
| -----                         |                |      |            |         |       |          |

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

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