

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110222\  
 Data File : VW025006.D  
 Acq On : 02 Nov 2022 14:41  
 Operator : SY/VA  
 Sample : VIBLK576  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK576

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022  
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 03 06:30:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM102622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 27 23:51:01 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 279268     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 257354     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 119571     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 65590      | 20.925   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 83.680%  |       |          |
| 7) Chloroethane-d5            | 2.892          | 69   | 37054      | 20.179   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 80.720%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 133940     | 17.154   | ug/L  | -0.01    |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 68.600%  |       |          |
| 21) 2-Butanone-d5             | 7.074          | 46   | 46574      | 44.024   | ug/L  | -0.01    |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 88.040%  |       |          |
| 24) Chloroform-d              | 7.647          | 84   | 205888     | 24.293   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 97.160%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 117196m    | 24.703   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 98.800%  |       |          |
| 32) Benzene-d6                | 8.275          | 84   | 402262     | 24.386   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 97.560%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.275          | 67   | 113138     | 23.408   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 93.640%  |       |          |
| 41) Toluene-d8                | 10.323         | 98   | 364530     | 23.737   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 94.960%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.573         | 79   | 50733      | 23.672   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 94.680%  |       |          |
| 47) 2-Hexanone-d5             | 10.921         | 63   | 37009      | 44.327   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 88.660%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689         | 84   | 86280      | 22.357   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 89.440%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 117031     | 25.469   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 101.880% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 4.928          | 84   | 21929      | 4.423    | ug/L  | 95       |
| -----                         |                |      |            |          |       |          |

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

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