

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW052324\  
 Data File : VW035699.D  
 Acq On : 23 May 2024 13:24  
 Operator : SY/MD  
 Sample : P2568-09  
 Misc : 5.89g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH5R5

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024  
 Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 01:47:53 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 24 01:44:38 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 351421     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 293552     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 82840      | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275          | 65   | 74548      | 13.725   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 54.880%  |       |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 78339m     | 17.878   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 71.520%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.053          | 65   | 32864      | 13.667   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 54.680%  |       |          |
| 21) 2-Butanone-d5             | 3.854          | 46   | 43685m     | 28.340   | ug/L  | 0.03     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 56.680%  |       |          |
| 24) Chloroform-d              | 4.246          | 84   | 210913     | 20.188   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 80.760%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.944          | 65   | 122609     | 23.739   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 94.960%  |       |          |
| 32) Benzene-d6                | 4.960          | 84   | 308495     | 19.198   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 76.800%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 133419     | 26.905   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 107.600% |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 195456     | 13.667   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 54.680%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.561          | 79   | 26841      | 12.656   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 50.640%  |       |          |
| 47) 2-Hexanone-d5             | 8.040          | 63   | 15392m     | 17.261   | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 34.520%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 125762     | 26.318   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 105.280% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 42273      | 14.704   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 58.800%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 2.442          | 84   | 55120      | 6.802    | ug/L  | 93       |
| -----                         |                |      |            |          |       |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052324\  
Data File : VV035699.D  
Acq On : 23 May 2024 13:24  
Operator : SY/MD  
Sample : P2568-09  
Misc : 5.89g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BH5R5

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024  
Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 01:47:53 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri May 24 01:44:38 2024  
Response via : Initial Calibration

