

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052424\  
 Data File : VV035769.D  
 Acq On : 24 May 2024 23:47  
 Operator : SY/MD  
 Sample : P2570-10  
 Misc : 5.40g/10.0mL/MSVOA\_V/SOIL/VIAL B  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH6B9

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024  
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 25 02:49:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat May 25 02:41:55 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 502854     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 508005     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 194787     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 160194     | 20.611   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 82.440%  |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 138704     | 22.121   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 88.480%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.053          | 65   | 70880      | 20.599   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 82.400%  |       |          |
| 21) 2-Butanone-d5             | 3.847          | 46   | 68114m     | 30.881   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 61.760%  |       |          |
| 24) Chloroform-d              | 4.246          | 84   | 328452     | 21.971   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 87.880%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.940          | 65   | 195027     | 26.389   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 105.560% |       |          |
| 32) Benzene-d6                | 4.957          | 84   | 597080     | 21.471   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 85.880%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 211382     | 24.632   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 98.520%  |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 474409     | 19.169   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 76.680%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 68399      | 18.636   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 74.560%  |       |          |
| 47) 2-Hexanone-d5             | 8.034          | 63   | 34372      | 22.274   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 44.540%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 177822     | 21.503   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 86.000%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 157395     | 23.283   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 93.120%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 2.442          | 84   | 58053      | 5.006    | ug/L  | 96       |
| -----                         |                |      |            |          |       |          |

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

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