

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV053024\  
 Data File : VV035888.D  
 Acq On : 30 May 2024 12:36  
 Operator : SY/MD  
 Sample : P2568-23  
 Misc : 4.99g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 06/03/2024  
 Supervised By :Semsettin Yesilyurt 06/03/2024

Quant Time: May 31 00:50:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 31 00:49:35 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 497630     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 500445     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181         | 152  | 226154     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.275          | 65   | 173764     | 18.993  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 75.960% |       |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 145318     | 19.920  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 79.680% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.053          | 65   | 76289      | 18.731  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 74.920% |       |          |
| 21) 2-Butanone-d5             | 3.844          | 46   | 93899m     | 44.733  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 89.460% |       |          |
| 24) Chloroform-d              | 4.246          | 84   | 318631     | 20.140  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 80.560% |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.940          | 65   | 174663     | 21.057  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 84.240% |       |          |
| 32) Benzene-d6                | 4.957          | 84   | 623897     | 20.973  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 83.880% |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 205050     | 21.889  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 87.560% |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 521047     | 19.851  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 79.400% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.554          | 79   | 80674      | 21.003  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 84.000% |       |          |
| 47) 2-Hexanone-d5             | 8.034          | 63   | 54295      | 42.778  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 85.560% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 163267     | 23.323  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 93.280% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 202780     | 24.451  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 97.800% |       |          |

Target Compounds Qvalue

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

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