

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV053024\  
 Data File : VV035891.D  
 Acq On : 30 May 2024 13:43  
 Operator : SY/MD  
 Sample : P2632-08  
 Misc : 5.67g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHBX4

Manual Integrations  
 APPROVED

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

Quant Time: May 31 00:51:29 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        | 5.529  | 114   | 714518   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 675942   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 262173   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 190032   | 14.466   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 57.880%  |
| 7) Chloroethane-d5            | 1.526  | 69    | 160936   | 15.365   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 61.440%  |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 83619    | 14.299   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 57.200%  |
| 21) 2-Butanone-d5             | 3.847  | 46    | 100082m  | 33.206   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 66.420%  |
| 24) Chloroform-d              | 4.243  | 84    | 355475   | 15.649   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 62.600%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 196320   | 16.483   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 65.920%# |
| 32) Benzene-d6                | 4.953  | 84    | 676828   | 16.845   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 67.400%  |
| 36) 1,2-Dichloropropane-d6    | 5.985  | 67    | 228967   | 18.096   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 72.400%  |
| 41) Toluene-d8                | 7.239  | 98    | 549860   | 15.510   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 62.040%  |
| 43) trans-1,3-Dichloroprop... | 7.551  | 79    | 80243    | 15.467   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 61.880%  |
| 47) 2-Hexanone-d5             | 8.034  | 63    | 56351    | 32.871   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 65.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 187019   | 19.780   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 79.120%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 180295   | 18.753   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 75.000%  |

Target Compounds Qvalue

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

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