

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052524\  
 Data File : VV035814.D  
 Acq On : 25 May 2024 22:12  
 Operator : SY/MD  
 Sample : P2586-05  
 Misc : 5.52g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4D18

Manual Integrations  
 APPROVED

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

Quant Time: May 27 05:32:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon May 27 05:15:54 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 164486   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 136606   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 43190    | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 64246    | 25.271   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 101.080% |
| 7) Chloroethane-d5            | 1.526  | 69    | 52383    | 25.540   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 102.160% |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 23789    | 21.136   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 84.560%  |
| 21) 2-Butanone-d5             | 3.863  | 46    | 10779m   | 14.940   | ug/L  | 0.02     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 29.880%  |
| 24) Chloroform-d              | 4.249  | 84    | 106023   | 21.681   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 86.720%  |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65    | 55982    | 23.157   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 92.640%  |
| 32) Benzene-d6                | 4.960  | 84    | 175597   | 23.483   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 93.920%  |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 60440    | 26.191   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 104.760% |
| 41) Toluene-d8                | 7.246  | 98    | 120323   | 18.080   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 72.320%  |
| 43) trans-1,3-Dichloroprop... | 7.571  | 79    | 9146     | 9.267    | ug/L  | 0.02     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 37.080%  |
| 47) 2-Hexanone-d5             | 8.079  | 63    | 1614     | 3.890    | ug/L  | 0.05     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 7.780%#  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152 | 84    | 38307    | 17.227   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 68.920%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 27857    | 18.585   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 74.360%# |

Target Compounds Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052524\  
Data File : VV035814.D  
Acq On : 25 May 2024 22:12  
Operator : SY/MD  
Sample : P2586-05  
Misc : 5.52g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4D18

Manual Integrations  
APPROVED

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

Quant Time: May 27 05:32:30 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon May 27 05:15:54 2024  
Response via : Initial Calibration

