

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW070124\  
 Data File : VW036391.D  
 Acq On : 01 Jul 2024 22:20  
 Operator : SY/MD  
 Sample : P3010-22  
 Misc : 5.40g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4CG4

Quant Time: Jul 02 05:25:56 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 02 05:19:46 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024  
 Supervised By :Semsettin Yesilyurt 07/05/2024

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 477839   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 442367   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182 | 152   | 155764   | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 122427   | 15.086   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 60.360%  |
| 7) Chloroethane-d5            | 1.526  | 69    | 118370   | 18.262   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 73.040%  |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 58224    | 15.262   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 61.040%  |
| 21) 2-Butanone-d5             | 3.870  | 46    | 16969m   | 9.010    | ug/L  | 0.03     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 18.020%# |
| 24) Chloroform-d              | 4.243  | 84    | 269949   | 19.139   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 76.560%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 144173   | 19.167   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 76.680%  |
| 32) Benzene-d6                | 4.954  | 84    | 494168   | 19.789   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 79.160%  |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 163963   | 21.829   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 87.320%  |
| 41) Toluene-d8                | 7.240  | 98    | 388176   | 17.241   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 68.960%  |
| 43) trans-1,3-Dichloroprop... | 7.555  | 79    | 38332    | 11.428   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 45.720%  |
| 47) 2-Hexanone-d5             | 8.040  | 63    | 9948     | 8.297    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 16.600%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 117406   | 19.068   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 76.280%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 115476   | 20.344   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 81.360%  |

Target Compounds Qvalue

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

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