

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV070324\  
 Data File : VV036450.D  
 Acq On : 03 Jul 2024 17:35  
 Operator : SY/MD  
 Sample : P3100-22RE  
 Misc : 5.49g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4D50RE

Quant Time: Jul 04 02:12:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 04 02:05:51 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/08/2024  
 Supervised By :Semsettin Yesilyurt 07/08/2024

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 397028     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 295562     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 82117      | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 123855     | 18.369   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 73.480%  |       |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 104195     | 19.347   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 77.400%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.056          | 65   | 51907      | 16.376   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 65.520%  |       |          |
| 21) 2-Butanone-d5             | 3.828          | 46   | 9323m      | 5.957    | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 11.920%# |       |          |
| 24) Chloroform-d              | 4.246          | 84   | 173829     | 14.833   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 59.320%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 70126      | 11.221   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 44.880%# |       |          |
| 32) Benzene-d6                | 4.957          | 84   | 324763     | 19.465   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 77.840%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.986          | 67   | 93998      | 18.730   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 74.920%  |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 220936     | 14.687   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 58.760%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.558          | 79   | 20881      | 9.317    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 37.280%  |       |          |
| 47) 2-Hexanone-d5             | 8.040          | 63   | 5432       | 6.781    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 13.560%# |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 36295      | 8.823    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 35.280%# |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 26821      | 8.963    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 35.840%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 2.446          | 84   | 31953      | 4.088    | ug/L  | 96       |
| -----                         |                |      |            |          |       |          |

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

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