

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060724\  
 Data File : VV036009.D  
 Acq On : 07 Jun 2024 14:39  
 Operator : SY/MD  
 Sample : P2754-12RE  
 Misc : 5.75g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BQ5RE

Quant Time: Jun 08 00:32:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 08 00:30:25 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024  
 Supervised By :Semsettin Yesilyurt 06/11/2024

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 480548     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 317890     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 67835      | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275          | 65   | 126767     | 14.348   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 57.400%  |        |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 118483     | 16.819   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 67.280%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.053          | 65   | 54528      | 13.864   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 55.440%  |        |          |
| 21) 2-Butanone-d5             | 3.812          | 46   | 40639m     | 20.048   | ug/L   | -0.03    |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 40.100%  |        |          |
| 24) Chloroform-d              | 4.246          | 84   | 246356     | 16.125   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 64.520%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 114340     | 14.274   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 57.080%# |        |          |
| 32) Benzene-d6                | 4.957          | 84   | 442724     | 23.429   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 93.720%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 146845     | 24.677   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 98.720%  |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 285128     | 17.102   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 68.400%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.558          | 79   | 39830      | 16.325   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 65.280%  |        |          |
| 47) 2-Hexanone-d5             | 8.034          | 63   | 21404      | 26.549   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 53.100%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 74887      | 16.841   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 67.360%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 42403      | 17.046   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 68.200%# |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 2.111          | 43   | 20716      | 6.561    | ug/L # | 42       |
| -----                         |                |      |            |          |        |          |

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

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