

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW052124\  
 Data File : VW035644.D  
 Acq On : 21 May 2024 17:35  
 Operator : SY/MD  
 Sample : P2547-11  
 Misc : 5.49g/10.0mL/MSVOA\_V/SOIL/VIAL A  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH5W8

Quant Time: May 22 02:37:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 22 02:35:18 2024  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024  
 Supervised By :Semsettin Yesilyurt 05/24/2024

| Compound                      | R.T.           | QIon | Response             | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|----------------------|--------|-------|----------|
| -----                         |                |      |                      |        |       |          |
| Internal Standards            |                |      |                      |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.535          | 114  | 243634               | 25.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.786          | 117  | 209902               | 25.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188         | 152  | 61205                | 25.000 | ug/L  | 0.00     |
|                               |                |      |                      |        |       |          |
| System Monitoring Compounds   |                |      |                      |        |       |          |
| 4) Vinyl Chloride-d3          | 1.275          | 65   | 96165                | 25.537 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 102.160%  |        |       |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 87895                | 28.933 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 115.720%  |        |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.053          | 65   | 42895                | 25.730 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 102.920%  |        |       |          |
| 21) 2-Butanone-d5             | 3.854          | 46   | 47439m               | 44.391 | ug/L  | 0.02     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 88.780%   |        |       |          |
| 24) Chloroform-d              | 4.249          | 84   | 215358               | 29.733 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 118.920%  |        |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.944          | 65   | 107403               | 29.995 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 119.960%  |        |       |          |
| 32) Benzene-d6                | 4.957          | 84   | 361313               | 31.446 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 125.800%  |        |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 129825               | 36.613 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 146.440%# |        |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 257259               | 25.157 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 100.640%  |        |       |          |
| 43) trans-1,3-Dichloroprop... | 7.561          | 79   | 35650                | 23.508 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 94.040%   |        |       |          |
| 47) 2-Hexanone-d5             | 8.037          | 63   | 23552                | 36.938 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 73.880%   |        |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 97198m               | 28.447 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 113.800%  |        |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 56970                | 26.821 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 107.280%  |        |       |          |
|                               |                |      |                      |        |       |          |
| Target Compounds              |                |      |                      |        |       | Qvalue   |
| 13) Acetone                   | 2.153          | 43   | 11485m               | 7.342  | ug/L  |          |
| 16) Methylene chloride        | 2.445          | 84   | 48852                | 8.695  | ug/L  | 93       |
| -----                         |                |      |                      |        |       |          |

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

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