

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW053124\  
 Data File : VW035935.D  
 Acq On : 31 May 2024 17:13  
 Operator : SY/MD  
 Sample : P2663-06  
 Misc : 5.47g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH693

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 06/03/2024  
 Supervised By :Semsettin Yesilyurt 06/03/2024

Quant Time: May 31 23:04:36 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 31 22:59:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|--------|--------|----------|
| -----                         |                |      |                      |        |        |          |
| Internal Standards            |                |      |                      |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.542          | 114  | 67204                | 25.000 | ug/L   | 0.01     |
| 28) Chlorobenzene-d5          | 8.789          | 117  | 64201                | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188         | 152  | 21266                | 25.000 | ug/L   | 0.00     |
|                               |                |      |                      |        |        |          |
| System Monitoring Compounds   |                |      |                      |        |        |          |
| 4) Vinyl Chloride-d3          | 1.281          | 65   | 31205                | 25.256 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 101.040%  |        |        |          |
| 7) Chloroethane-d5            | 1.535          | 69   | 27885                | 28.304 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 113.200%  |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.059          | 65   | 13303                | 24.186 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 96.760%   |        |        |          |
| 21) 2-Butanone-d5             | 3.857          | 46   | 14806m               | 52.230 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 104.460%  |        |        |          |
| 24) Chloroform-d              | 4.252          | 84   | 63353m               | 29.652 | ug/L   | 0.01     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 118.600%  |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.950          | 65   | 35865                | 32.016 | ug/L   | 0.02     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 128.080%  |        |        |          |
| 32) Benzene-d6                | 4.966          | 84   | 100002               | 26.204 | ug/L   | 0.01     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 104.800%  |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.992          | 67   | 37001                | 30.788 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 123.160%# |        |        |          |
| 41) Toluene-d8                | 7.249          | 98   | 66922                | 19.875 | ug/L   | 0.01     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 79.480%   |        |        |          |
| 43) trans-1,3-Dichloroprop... | 7.571          | 79   | 10257                | 20.815 | ug/L   | 0.02     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 83.280%   |        |        |          |
| 47) 2-Hexanone-d5             | 8.059          | 63   | 4121m                | 25.309 | ug/L   | 0.03     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 50.620%   |        |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152         | 84   | 29216                | 32.533 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 130.120%# |        |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 18736                | 24.025 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 96.120%   |        |        |          |
|                               |                |      |                      |        |        |          |
| Target Compounds              |                |      |                      |        | Qvalue |          |
| 13) Acetone                   | 2.127          | 43   | 3709                 | 8.399  | ug/L   | 70       |
| 16) Methylene chloride        | 2.449          | 84   | 16075                | 10.571 | ug/L   | 99       |
| -----                         |                |      |                      |        |        |          |

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

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