

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW061324\  
 Data File : VW036051.D  
 Acq On : 13 Jun 2024 10:42  
 Operator : SY/MD  
 Sample : P2850-08  
 Misc : 5.48g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHB09

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024  
 Supervised By :Semsettin Yesilyurt 06/20/2024

Quant Time: Jun 14 01:16:20 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 14 01:10:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 457977     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 478398     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181         | 152  | 230804     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 207091     | 24.595  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 98.400% |       |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 164821     | 24.550  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 98.200% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.053          | 65   | 88510      | 23.613  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 94.440% |       |          |
| 21) 2-Butanone-d5             | 3.847          | 46   | 85612m     | 44.316  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 88.640% |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 337456     | 23.177  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 92.720% |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 179374     | 23.497  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 94.000% |       |          |
| 32) Benzene-d6                | 4.953          | 84   | 665951     | 23.418  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 93.680% |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 214350     | 23.936  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 95.760% |       |          |
| 41) Toluene-d8                | 7.239          | 98   | 551768     | 21.991  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 87.960% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 68805      | 18.739  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 74.960% |       |          |
| 47) 2-Hexanone-d5             | 8.030          | 63   | 49003      | 40.388  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 80.780% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 158617     | 23.703  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 94.800% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 202936     | 23.977  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 95.920% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       |          |
| 13) Acetone                   | 2.153          | 43   | 15779m     | 5.244   | ug/L  |          |
| 16) Methylene chloride        | 2.442          | 84   | 77803      | 7.508   | ug/L  | 99       |
| 17) trans-1,2-Dichloroethene  | 2.693          | 96   | 4388       | 0.563   | ug/L  | 95       |
| 19) 1,1-Dichloroethane        | 3.111          | 63   | 6836       | 0.461   | ug/L  | 97       |
| 20) cis-1,2-Dichloroethene    | 3.805          | 96   | 1161231    | 148.342 | ug/L  | 99       |
| 34) Trichloroethene           | 5.831          | 95   | 56722      | 5.915   | ug/L  | 99       |
| 42) Toluene                   | 7.326          | 91   | 18932      | 0.592   | ug/L  | 98       |
| 46) Tetrachloroethene         | 7.902          | 164  | 88038      | 12.553  | ug/L  | 99       |
| -----                         |                |      |            |         |       |          |

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

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