

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW092122\  
 Data File : VW028040.D  
 Acq On : 22 Sep 2022 01:52  
 Operator : SY/MD  
 Sample : N4659-08  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0E65

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 09/22/2022  
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 06:25:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 22 05:25:17 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.609          | 114  | 406806     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.850          | 117  | 389199     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246         | 152  | 167059     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.301          | 65   | 105984     | 29.677   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 59.360%# |       |          |
| 7) Chloroethane-d5            | 1.561          | 69   | 98225      | 34.430   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 68.860%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.101          | 63   | 173858     | 27.480   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 54.960%# |       |          |
| 21) 2-Butanone-d5             | 3.880          | 46   | 196295     | 92.433   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 92.430%  |       |          |
| 24) Chloroform-d              | 4.343          | 84   | 226693     | 37.808   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 75.620%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.024          | 65   | 156308     | 40.226   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 80.460%  |       |          |
| 32) Benzene-d6                | 5.043          | 84   | 438806     | 39.117   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 78.240%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.063          | 67   | 140876     | 40.669   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 81.340%  |       |          |
| 41) Toluene-d8                | 7.313          | 98   | 359399     | 34.986   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 69.980%# |       |          |
| 43) trans-1,3-Dichloroprop... | 7.619          | 79   | 61690      | 35.613   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 71.220%  |       |          |
| 47) 2-Hexanone-d5             | 8.085          | 63   | 148675     | 87.612   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 87.610%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210         | 84   | 222718     | 43.682   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 87.360%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622         | 152  | 144347     | 44.511   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 89.020%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.111          | 96   | 33173m     | 11.239   | ug/L  |          |
| 20) cis-1,2-Dichloroethene    | 3.905          | 96   | 21214      | 6.771    | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane     | 4.603          | 97   | 30878      | 6.445    | ug/L  | 98       |
| 34) Trichloroethene           | 5.905          | 95   | 464168     | 161.316  | ug/L  | 98       |
| -----                         |                |      |            |          |       |          |

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

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