

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW050621\  
 Data File : VW021312.D  
 Acq On : 06 May 2021 17:13  
 Operator : SY/MD  
 Sample : M2320-02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F3A05

Manual Integrations  
 APPROVED

MMDadoda  
 5/11/2021 1:12:20 PM

Quant Time: May 07 03:58:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 07 03:56:18 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.622          | 114  | 400929              | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 404836              | 50.00  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 210649              | 50.00  | ug/L   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 144083              | 81.01  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 162.02%# |        |        |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 125592              | 79.02  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 158.04%# |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.111          | 63   | 264765              | 53.36  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 106.72%  |        |        |          |
| 21) 2-Butanone-d5             | 3.899          | 46   | 194850              | 136.53 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 136.53%# |        |        |          |
| 24) Chloroform-d              | 4.355          | 84   | 391420              | 69.15  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 138.30%# |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.037          | 65   | 310684              | 73.32  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 146.64%# |        |        |          |
| 32) Benzene-d6                | 5.056          | 84   | 670425              | 71.91  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 143.82%# |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.075          | 67   | 172995              | 72.23  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 144.46%# |        |        |          |
| 41) Toluene-d8                | 7.320          | 98   | 700430              | 72.50  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 145.00%# |        |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 119344              | 67.00  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 134.00%# |        |        |          |
| 47) 2-Hexanone-d5             | 8.095          | 63   | 141329              | 127.79 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 127.79%  |        |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223         | 84   | 256332              | 66.88  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 133.76%# |        |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 308165              | 74.23  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 148.46%# |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        |        | Qvalue   |
| 17) trans-1,2-Dichloroethene  | 2.764          | 96   | 47719               | 18.98  | ug/L   | 94       |
| 18) Methyl tert-butyl Ether   | 2.770          | 73   | 4498157             | 499.12 | ug/L # | 78       |
| 20) cis-1,2-Dichloroethene    | 3.915          | 96   | 33834               | 12.24  | ug/L   | 89       |
| 27) 1,2-Dichloroethane        | 5.143          | 62   | 14460               | 2.77   | ug/L # | 66       |
| 29) Cyclohexane               | 4.680          | 56   | 25309               | 7.44   | ug/L # | 77       |
| 33) Benzene                   | 5.114          | 78   | 28990               | 2.80   | ug/L   | 100      |
| 34) Trichloroethene           | 5.921          | 95   | 18500m              | 5.55   | ug/L   |          |
| 42) Toluene                   | 7.403          | 91   | 11114               | 0.92   | ug/L   | 78       |
| 52) Ethylbenzene              | 9.024          | 91   | 9790                | 0.70   | ug/L   | 90       |
| -----                         |                |      |                     |        |        |          |

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

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