

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050621\  
 Data File : VV021311.D  
 Acq On : 06 May 2021 16:49  
 Operator : SY/MD  
 Sample : M2320-01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 07 03:58:02 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   | 429047    | 50.00   | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.857    | 117   | 426519    | 50.00   | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.255   | 152   | 226579    | 50.00   | ug/L    | 0.00     |
| System Monitoring Compounds   |          |       |           |         |         |          |
| 4) Vinyl Chloride-d3          | 1.307    | 65    | 117228    | 61.59   | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery  | =       | 123.18% |          |
| 7) Chloroethane-d5            | 1.568    | 69    | 96113     | 56.51   | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery  | =       | 113.02% |          |
| 11) 1,1-Dichloroethene-d2     | 2.108    | 63    | 215699    | 40.63   | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery  | =       | 81.26%  |          |
| 21) 2-Butanone-d5             | 3.902    | 46    | 159355    | 104.34  | ug/L    | 0.00     |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery  | =       | 104.34% |          |
| 24) Chloroform-d              | 4.352    | 84    | 303692    | 50.13   | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery  | =       | 100.26% |          |
| 26) 1,2-Dichloroethane-d4     | 5.037    | 65    | 243304    | 53.66   | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery  | =       | 107.32% |          |
| 32) Benzene-d6                | 5.053    | 84    | 530219    | 53.98   | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery  | =       | 107.96% |          |
| 36) 1,2-Dichloropropane-d6    | 6.075    | 67    | 137240    | 54.39   | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery  | =       | 108.78% |          |
| 41) Toluene-d8                | 7.320    | 98    | 518043    | 50.89   | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery  | =       | 101.78% |          |
| 43) trans-1,3-Dichloroprop... | 7.625    | 79    | 90122     | 48.02   | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery  | =       | 96.04%  |          |
| 47) 2-Hexanone-d5             | 8.095    | 63    | 121822    | 104.55  | ug/L    | 0.00     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery  | =       | 104.55% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220   | 84    | 201752    | 49.97   | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery  | =       | 99.94%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.632   | 152   | 239567    | 53.65   | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery  | =       | 107.30% |          |
| Target Compounds              |          |       |           |         |         |          |
| 17) trans-1,2-Dichloroethene  | 2.764    | 96    | 23641     | 8.79    | ug/L    | 94       |
| 18) Methyl tert-butyl Ether   | 2.764    | 73    | 20588560m | 2134.79 | ug/L    |          |
| 20) cis-1,2-Dichloroethene    | 3.915    | 96    | 27797     | 9.40    | ug/L    | 89       |
| 29) Cyclohexane               | 4.683    | 56    | 35624m    | 9.94    | ug/L    |          |
| 34) Trichloroethene           | 5.918    | 95    | 90559     | 25.79   | ug/L    | 94       |
| 46) Tetrachloroethene         | 7.985    | 164   | 2771      | 0.92    | ug/L    | 84       |
| -----                         |          |       |           |         |         |          |

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