

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050621\  
 Data File : VV021299.D  
 Acq On : 06 May 2021 10:55  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 07 03:52:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 06 02:15:40 2021  
 Response via : Initial Calibration

| Compound                      | R.T.     | QIon  | Response | Conc  | Units   | Dev(Min) |
|-------------------------------|----------|-------|----------|-------|---------|----------|
| -----                         |          |       |          |       |         |          |
| Internal Standards            |          |       |          |       |         |          |
| 1) 1,4-Difluorobenzene        | 5.619    | 114   | 697072   | 50.00 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.857    | 117   | 673560   | 50.00 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.255   | 152   | 408984   | 50.00 | ug/L    | 0.00     |
| System Monitoring Compounds   |          |       |          |       |         |          |
| 4) Vinyl Chloride-d3          | 1.307    | 65    | 175282   | 56.69 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery | =     | 113.38% |          |
| 7) Chloroethane-d5            | 1.571    | 69    | 148073   | 53.59 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery | =     | 107.18% |          |
| 11) 1,1-Dichloroethene-d2     | 2.111    | 63    | 435835   | 50.52 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =     | 101.04% |          |
| 21) 2-Butanone-d5             | 3.905    | 46    | 228905   | 92.25 | ug/L    | 0.00     |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery | =     | 92.25%  |          |
| 24) Chloroform-d              | 4.349    | 84    | 487573   | 49.54 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =     | 99.08%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034    | 65    | 366543   | 49.75 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =     | 99.50%  |          |
| 32) Benzene-d6                | 5.053    | 84    | 793243   | 51.14 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =     | 102.28% |          |
| 36) 1,2-Dichloropropane-d6    | 6.072    | 67    | 197640   | 49.60 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery | =     | 99.20%  |          |
| 41) Toluene-d8                | 7.317    | 98    | 832849   | 51.81 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =     | 103.62% |          |
| 43) trans-1,3-Dichloroprop... | 7.622    | 79    | 147943   | 49.92 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =     | 99.84%  |          |
| 47) 2-Hexanone-d5             | 8.092    | 63    | 176426   | 95.88 | ug/L    | 0.00     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery | =     | 95.88%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223   | 84    | 311330   | 48.82 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery | =     | 97.64%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.632   | 152   | 387284   | 48.05 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =     | 96.10%  |          |
| Target Compounds              |          |       |          |       |         |          |
|                               |          |       |          |       |         | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.130    | 85    | 268032   | 47.63 | ug/L    | 100      |
| 3) Chloromethane              | 1.243    | 50    | 151517   | 44.78 | ug/L    | 100      |
| 5) Vinyl chloride             | 1.314    | 62    | 191369   | 45.38 | ug/L    | 97       |
| 6) Bromomethane               | 1.526    | 94    | 159323   | 48.02 | ug/L    | 98       |
| 8) Chloroethane               | 1.587    | 64    | 128324   | 47.10 | ug/L    | 99       |
| 9) Trichlorofluoromethane     | 1.754    | 101   | 512392   | 46.33 | ug/L    | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.118    | 101   | 246821   | 50.54 | ug/L    | 97       |
| 12) 1,1-Dichloroethene        | 2.118    | 96    | 214073   | 49.05 | ug/L    | 96       |
| 13) Acetone                   | 2.201    | 43    | 292444   | 99.72 | ug/L    | 90       |
| 14) Carbon disulfide          | 2.294    | 76    | 498769   | 45.55 | ug/L    | 99       |
| 15) Methyl Acetate            | 2.442    | 43    | 167285   | 47.23 | ug/L    | 92       |
| 16) Methylene chloride        | 2.507    | 84    | 217586   | 48.67 | ug/L    | 93       |
| 17) trans-1,2-Dichloroethene  | 2.761    | 96    | 207946   | 47.58 | ug/L    | 99       |
| 18) Methyl tert-butyl Ether   | 2.770    | 73    | 757978   | 48.37 | ug/L #  | 90       |
| 19) 1,1-Dichloroethane        | 3.191    | 63    | 370789   | 48.97 | ug/L    | 98       |
| 20) cis-1,2-Dichloroethene    | 3.915    | 96    | 231070   | 48.09 | ug/L    | 97       |
| 22) 2-Butanone                | 3.986    | 43    | 261632   | 93.47 | ug/L    | 93       |
| 23) Bromochloromethane        | 4.249    | 128   | 136336   | 49.52 | ug/L #  | 83       |