

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092921\  
 Data File : VV022399.D  
 Acq On : 30 Sep 2021 00:08  
 Operator : SY/MD  
 Sample : M3979-03  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4A44

Quant Time: Sep 30 07:08:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 30 06:55:59 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114            | 254339   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117            | 241799   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152            | 104879   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65             | 74348    | 34.445  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 68.880%  |          |
| 7) Chloroethane-d5            | 1.565   | 69             | 68928    | 40.374  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 80.740%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63             | 107684   | 28.694  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 57.380%# |          |
| 21) 2-Butanone-d5             | 3.899   | 46             | 155769   | 102.257 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 102.260% |          |
| 24) Chloroform-d              | 4.349   | 84             | 166451   | 42.707  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 85.420%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65             | 104220   | 43.604  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 87.200%  |          |
| 32) Benzene-d6                | 5.050   | 84             | 337450   | 44.362  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 88.720%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67             | 112276   | 46.137  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 92.280%  |          |
| 41) Toluene-d8                | 7.317   | 98             | 300369   | 43.141  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 86.280%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79             | 44741    | 40.262  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 80.520%  |          |
| 47) 2-Hexanone-d5             | 8.092   | 63             | 103203   | 104.368 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 104.370% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84             | 160286   | 45.374  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 90.740%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152            | 121295   | 52.011  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 104.020% |          |
| Target Compounds              |         |                |          |         |          |          |
| 17) trans-1,2-Dichloroethene  | 2.764   | 96             | 1692     | 0.877   | ug/L     | 93       |
| 18) Methyl tert-butyl Ether   | 2.777   | 73             | 8023     | 1.398   | ug/L #   | 91       |
| 34) Trichloroethene           | 5.918   | 95             | 9947     | 5.242   | ug/L     | 96       |
| 46) Tetrachloroethene         | 7.976   | 164            | 360884   | 230.967 | ug/L     | 97       |
| -----                         |         |                |          |         |          |          |

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

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