

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120621\  
 Data File : VU046106.D  
 Acq On : 06 Dec 2021 13:04  
 Operator : SY/MD  
 Sample : M4869-12  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK001

Quant Time: Dec 06 14:18:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 03 05:08:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253   | 114   | 205267   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420   | 117   | 198519   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.813  | 152   | 105549   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65    | 73365    | 43.389   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 86.780%  |
| 7) Chloroethane-d5            | 1.916   | 69    | 54586    | 42.046   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 84.100%  |
| 11) 1,1-Dichloroethene-d2     | 2.572   | 63    | 107631   | 35.458   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 70.920%  |
| 21) 2-Butanone-d5             | 4.633   | 46    | 123864   | 92.149   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 92.150%  |
| 24) Chloroform-d              | 5.067   | 84    | 133769   | 47.374   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.740%  |
| 26) 1,2-Dichloroethane-d4     | 5.704   | 65    | 94135    | 49.675   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 99.360%  |
| 32) Benzene-d6                | 5.732   | 84    | 305186   | 53.636   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 107.280% |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67    | 93434    | 52.985   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 105.980% |
| 41) Toluene-d8                | 7.900   | 98    | 278299   | 53.719   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 107.440% |
| 43) trans-1,3-Dichloroprop... | 8.183   | 79    | 45591    | 53.558   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 107.120% |
| 47) 2-Hexanone-d5             | 8.636   | 63    | 89742    | 107.335  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 107.330% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 135797   | 50.779   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 101.560% |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 112224   | 55.210   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 110.420% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 25) Chloroform                | 5.089   | 83    | 12783    | 4.213    | ug/L   | 96       |
| -----                         |         |       |          |          |        |          |

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

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