

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092022\  
 Data File : VU050857.D  
 Acq On : 21 Sep 2022 01:51  
 Operator : JC/MD  
 Sample : N4650-16  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXZ11

Quant Time: Sep 21 04:42:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 21 04:30:12 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114            | 366087   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117            | 357147   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152            | 126633   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65             | 165465   | 43.625  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 87.240%  |          |
| 7) Chloroethane-d5            | 1.909   | 69             | 131219   | 48.577  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 97.160%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63             | 208836   | 35.385  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 70.760%  |          |
| 21) 2-Butanone-d5             | 4.623   | 46             | 299254   | 122.210 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 122.210% |          |
| 24) Chloroform-d              | 5.060   | 84             | 280584   | 47.205  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 94.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65             | 179038   | 48.876  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 97.760%  |          |
| 32) Benzene-d6                | 5.726   | 84             | 561349   | 47.719  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 95.440%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67             | 194113   | 48.885  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 97.780%  |          |
| 41) Toluene-d8                | 7.896   | 98             | 444608   | 43.238  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 86.480%  |          |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79             | 72262    | 41.833  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 83.660%  |          |
| 47) 2-Hexanone-d5             | 8.633   | 63             | 174603   | 106.702 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 106.700% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755  | 84             | 289852   | 47.879  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 95.760%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152            | 143263   | 54.033  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 108.060% |          |
| Target Compounds              |         |                |          |         |          |          |
|                               |         |                |          |         | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.578   | 96             | 17665    | 6.277   | ug/L     | # 1      |
| 19) 1,1-Dichloroethane        | 3.871   | 63             | 51677    | 8.866   | ug/L     | 97       |
| 20) cis-1,2-Dichloroethene    | 4.665   | 96             | 20296    | 6.346   | ug/L     | 99       |
| 30) 1,1,1-Trichloroethane     | 5.314   | 97             | 654325   | 137.712 | ug/L     | 99       |
| 34) Trichloroethene           | 6.543   | 95             | 79838    | 26.150  | ug/L     | 98       |
| 46) Tetrachloroethene         | 8.552   | 164            | 173360   | 79.016  | ug/L     | 97       |
| -----                         |         |                |          |         |          |          |

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

