

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092022\  
 Data File : VU050841.D  
 Acq On : 20 Sep 2022 19:10  
 Operator : JC/MD  
 Sample : N4651-08  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXZ34

Quant Time: Sep 21 02:26:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 21 02:18:13 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114   | 444259   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 431612   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 161722   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 209251   | 45.462   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 90.920%  |
| 7) Chloroethane-d5            | 1.906   | 69    | 160271   | 48.891   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 97.780%  |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63    | 253848   | 35.443   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 70.880%  |
| 21) 2-Butanone-d5             | 4.620   | 46    | 311260   | 104.746  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 104.750% |
| 24) Chloroform-d              | 5.064   | 84    | 343209   | 47.580   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.160%  |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 221085   | 49.734   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 99.460%  |
| 32) Benzene-d6                | 5.726   | 84    | 700131   | 49.248   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 98.500%  |
| 36) 1,2-Dichloropropane-d6    | 6.687   | 67    | 237114   | 49.412   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 98.820%  |
| 41) Toluene-d8                | 7.896   | 98    | 574040   | 46.193   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 92.380%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 95896    | 45.937   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 91.880%  |
| 47) 2-Hexanone-d5             | 8.633   | 63    | 198175   | 100.213  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 100.210% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755  | 84    | 337722   | 46.162   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 92.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 183796   | 54.280   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 108.560% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.575   | 96    | 6496     | 1.902    | ug/L   | # 1      |
| 19) 1,1-Dichloroethane        | 3.871   | 63    | 6836     | 0.966    | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 4.665   | 96    | 2762     | 0.712    | ug/L   | 96       |
| 30) 1,1,1-Trichloroethane     | 5.314   | 97    | 123855   | 21.570   | ug/L   | 99       |
| 46) Tetrachloroethene         | 8.552   | 164   | 4329     | 1.633    | ug/L   | 94       |
| -----                         |         |       |          |          |        |          |

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

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