

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092222\  
 Data File : VU050908.D  
 Acq On : 22 Sep 2022 19:12  
 Operator : JC/MD  
 Sample : N4747-08  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E45A5

Quant Time: Sep 23 01:13:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 23 01:08:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114   | 422793   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 403658   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152   | 153121   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 168862   | 38.549   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 77.100%  |
| 7) Chloroethane-d5            | 1.906   | 69    | 138110   | 44.270   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 88.540%  |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63    | 205651   | 30.172   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 60.340%  |
| 21) 2-Butanone-d5             | 4.616   | 46    | 286263   | 101.225  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 101.220% |
| 24) Chloroform-d              | 5.060   | 84    | 294032   | 42.832   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 85.660%  |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 192503   | 45.503   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.000%  |
| 32) Benzene-d6                | 5.726   | 84    | 589788   | 44.359   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.720%  |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 203026   | 45.239   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 90.480%  |
| 41) Toluene-d8                | 7.896   | 98    | 482812   | 41.543   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 83.080%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 81880    | 41.939   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 83.880%  |
| 47) 2-Hexanone-d5             | 8.629   | 63    | 165550   | 89.513   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 89.510%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754  | 84    | 299410   | 43.759   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 87.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 164558   | 51.329   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.660% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.604   | 62    | 5092     | 1.022    | ug/L   | # 48     |
| 17) trans-1,2-Dichloroethene  | 3.356   | 96    | 1536     | 0.461    | ug/L   | 84       |
| 20) cis-1,2-Dichloroethene    | 4.665   | 96    | 48696    | 13.183   | ug/L   | 97       |
| 34) Trichloroethene           | 6.539   | 95    | 192675   | 55.837   | ug/L   | 99       |
| -----                         |         |       |          |          |        |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092222\  
Data File : VU050908.D  
Acq On : 22 Sep 2022 19:12  
Operator : JC/MD  
Sample : N4747-08  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
E45A5

Quant Time: Sep 23 01:13:16 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092022WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Sep 23 01:08:30 2022  
Response via : Initial Calibration

