

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120621\  
 Data File : VU046119.D  
 Acq On : 06 Dec 2021 18:19  
 Operator : SY/MD  
 Sample : M4938-09 10X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EX8E5

Quant Time: Dec 07 01:12:29 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   | 206943   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420   | 117   | 203045   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 106231   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65    | 64195    | 37.658   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 75.320%  |
| 7) Chloroethane-d5            | 1.916   | 69    | 48653    | 37.172   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 74.340%  |
| 11) 1,1-Dichloroethene-d2     | 2.572   | 63    | 97938    | 32.003   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 64.000%  |
| 21) 2-Butanone-d5             | 4.629   | 46    | 115678   | 85.362   | ug/L   | -0.01    |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 85.360%  |
| 24) Chloroform-d              | 5.067   | 84    | 124835   | 43.852   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.700%  |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 85879    | 44.951   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.900%  |
| 32) Benzene-d6                | 5.729   | 84    | 277107   | 47.616   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.240%  |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67    | 86106    | 47.741   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 95.480%  |
| 41) Toluene-d8                | 7.899   | 98    | 252113   | 47.580   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 95.160%  |
| 43) trans-1,3-Dichloroprop... | 8.182   | 79    | 39532    | 45.405   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 90.800%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 87171    | 101.936  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 101.940% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 125136   | 45.750   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 91.500%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 103865   | 50.769   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 101.540% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 46) Tetrachloroethene         | 8.555   | 164   | 1648     | 1.385    | ug/L   | 94       |
| -----                         |         |       |          |          |        |          |

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

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