

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071922\  
 Data File : VU049780.D  
 Acq On : 19 Jul 2022 13:18  
 Operator : SY/MD  
 Sample : N3702-18ME  
 Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5C72ME

Quant Time: Jul 20 02:16:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM071122WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 19 02:09:49 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114   | 319826   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420   | 117   | 306360   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 142994   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.594   | 65    | 127698   | 47.322   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 94.640%  |
| 7) Chloroethane-d5            | 1.877   | 69    | 75802    | 38.861   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 77.720%  |
| 11) 1,1-Dichloroethene-d2     | 2.536   | 63    | 158395   | 33.230   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 66.460%  |
| 21) 2-Butanone-d5             | 4.629   | 46    | 242242   | 105.156  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 105.160% |
| 24) Chloroform-d              | 5.057   | 84    | 224469   | 46.965   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.920%  |
| 26) 1,2-Dichloroethane-d4     | 5.697   | 65    | 162601   | 50.267   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.540% |
| 32) Benzene-d6                | 5.719   | 84    | 441833   | 47.472   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.940%  |
| 36) 1,2-Dichloropropane-d6    | 6.687   | 67    | 153054   | 48.891   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 97.780%  |
| 41) Toluene-d8                | 7.896   | 98    | 371389   | 45.822   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 91.640%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 63868    | 48.423   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 96.840%  |
| 47) 2-Hexanone-d5             | 8.645   | 63    | 150748   | 107.051  | ug/L   | 0.01     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 107.050% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761  | 84    | 232040   | 52.974   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 105.940% |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 138089   | 51.219   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.440% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 20) cis-1,2-Dichloroethene    | 4.655   | 96    | 3419     | 1.216    | ug/L   | 94       |
| 46) Tetrachloroethene         | 8.552   | 164   | 6894     | 3.571    | ug/L   | 95       |
| -----                         |         |       |          |          |        |          |

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

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