

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120821\  
 Data File : VU046185.D  
 Acq On : 08 Dec 2021 19:14  
 Operator : SY/MD  
 Sample : M4887-06MERE  
 Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EX8A3MERE

Quant Time: Dec 09 03:21:20 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        | 6.250   | 114   | 184106   | 50.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.423   | 117   | 183338   | 50.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.819  | 152   | 92443    | 50.000   | ug/L   | 0.00      |
|                               |         |       |          |          |        |           |
| System Monitoring Compounds   |         |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.601   | 65    | 84073    | 55.436   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 110.880%  |
| 7) Chloroethane-d5            | 1.916   | 69    | 59829    | 51.381   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 102.760%  |
| 11) 1,1-Dichloroethene-d2     | 2.549   | 63    | 111666   | 41.016   | ug/L   | -0.03     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 82.040%   |
| 21) 2-Butanone-d5             | 4.652   | 46    | 168558   | 139.812  | ug/L   | 0.00      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 139.810%# |
| 24) Chloroform-d              | 5.063   | 84    | 145436   | 57.426   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 114.860%  |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 115920   | 68.202   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 136.400%# |
| 32) Benzene-d6                | 5.726   | 84    | 360407   | 68.586   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 137.180%# |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 114824   | 70.507   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 141.020%# |
| 41) Toluene-d8                | 7.899   | 98    | 330088   | 68.992   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 137.980%# |
| 43) trans-1,3-Dichloroprop... | 8.182   | 79    | 58558    | 74.487   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 148.980%# |
| 47) 2-Hexanone-d5             | 8.674   | 63    | 125510   | 162.545  | ug/L   | 0.04      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 162.540%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.771  | 84    | 175830   | 71.193   | ug/L   | 0.01      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 142.380%# |
| 66) 1,2-Dichlorobenzene-d4    | 12.198  | 152   | 139095   | 78.131   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 156.260%# |
|                               |         |       |          |          |        |           |
| Target Compounds              |         |       |          |          | Qvalue |           |
| 25) Chloroform                | 5.089   | 83    | 30337    | 11.147   | ug/L   | 99        |
| 42) Toluene                   | 7.970   | 91    | 6756     | 1.135    | ug/L   | 88        |
| 46) Tetrachloroethene         | 8.555   | 164   | 67766    | 63.081   | ug/L   | 97        |
| -----                         |         |       |          |          |        |           |

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

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