

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121721\  
 Data File : VU046480.D  
 Acq On : 17 Dec 2021 18:19  
 Operator : SY/MD  
 Sample : M5153-02ME 10X  
 Misc : 6.34g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BGL67ME

Quant Time: Dec 17 23:31:08 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 17 03:50:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.253   | 114   | 138715   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 140678   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 76458    | 50.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65    | 43667    | 38.215   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 76.440%  |
| 7) Chloroethane-d5            | 1.919   | 69    | 33186    | 37.826   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 75.660%  |
| 11) 1,1-Dichloroethene-d2     | 2.568   | 63    | 61171    | 29.821   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 59.640%# |
| 21) 2-Butanone-d5             | 4.636   | 46    | 75563    | 83.186   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 83.190%  |
| 24) Chloroform-d              | 5.067   | 84    | 90010    | 47.170   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 94.340%  |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 61662    | 48.151   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 96.300%  |
| 32) Benzene-d6                | 5.729   | 84    | 172525   | 42.788   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 85.580%  |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67    | 54037    | 43.243   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 86.480%  |
| 41) Toluene-d8                | 7.899   | 98    | 148819   | 40.537   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 81.080%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 25888    | 42.916   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 85.840%  |
| 47) 2-Hexanone-d5             | 8.636   | 63    | 56699    | 95.697   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 95.700%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 86096    | 45.431   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 90.860%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 63364    | 43.033   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 86.060%  |

Target Compounds Qvalue

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

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