

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120221\  
 Data File : VU046053.D  
 Acq On : 02 Dec 2021 15:34  
 Operator : SY/MD  
 Sample : M4868-02ME  
 Misc : 6.84g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BGKN9ME

Quant Time: Dec 03 05:11:40 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   | 244901   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.427   | 117   | 238612   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819  | 152   | 120169   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 70511    | 34.952   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 69.900%  |
| 7) Chloroethane-d5            | 1.916   | 69    | 47789    | 30.853   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 61.700%# |
| 11) 1,1-Dichloroethene-d2     | 2.543   | 63    | 95629    | 26.406   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 52.820%# |
| 21) 2-Butanone-d5             | 4.652   | 46    | 121729   | 75.905   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 75.900%  |
| 24) Chloroform-d              | 5.067   | 84    | 126713   | 37.613   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 75.220%  |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 90664    | 40.101   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 80.200%  |
| 32) Benzene-d6                | 5.723   | 84    | 284549   | 41.607   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 83.220%  |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 90058    | 42.489   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 84.980%  |
| 41) Toluene-d8                | 7.899   | 98    | 258561   | 41.523   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 83.040%  |
| 43) trans-1,3-Dichloroprop... | 8.186   | 79    | 44231    | 43.229   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 86.460%  |
| 47) 2-Hexanone-d5             | 8.678   | 63    | 88501    | 88.065   | ug/L   | 0.04     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 88.070%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.771  | 84    | 122969   | 38.256   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 76.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.198  | 152   | 100235   | 43.312   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 86.620%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 15) Methyl Acetate            | 2.967   | 43    | 1967     | 0.842    | ug/L # | 80       |
| 52) Ethylbenzene              | 9.575   | 91    | 24071    | 2.886    | ug/L   | 99       |
| 53) m,p-Xylene                | 9.697   | 106   | 28600    | 8.793    | ug/L   | 99       |
| 54) o-xylene                  | 10.108  | 106   | 8100     | 2.567    | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 11.472  | 105   | 17760    | 2.724    | ug/L   | 97       |
| -----                         |         |       |          |          |        |          |

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

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