

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041122\  
 Data File : VU047928.D  
 Acq On : 12 Apr 2022 00:09  
 Operator : SY/MD  
 Sample : N2293-16ME  
 Misc : 6.02g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETNP4ME

Quant Time: Apr 12 05:06:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 12 04:48:51 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 484768   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423   | 117   | 512592   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819  | 152   | 283758   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 89308    | 25.405   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 50.820%# |
| 7) Chloroethane-d5            | 1.890   | 69    | 52392    | 18.901   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 37.800%# |
| 11) 1,1-Dichloroethene-d2     | 2.539   | 63    | 120585   | 18.749   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 37.500%# |
| 21) 2-Butanone-d5             | 4.642   | 46    | 177368   | 58.783   | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 58.780%  |
| 24) Chloroform-d              | 5.063   | 84    | 186317   | 28.966   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 57.940%# |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 123251   | 31.242   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 62.480%# |
| 32) Benzene-d6                | 5.722   | 84    | 378161   | 29.319   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 58.640%# |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 122855   | 31.015   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 62.020%# |
| 41) Toluene-d8                | 7.899   | 98    | 334535   | 26.621   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 53.240%# |
| 43) trans-1,3-Dichloroprop... | 8.182   | 79    | 51073    | 25.450   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 50.900%# |
| 47) 2-Hexanone-d5             | 8.661   | 63    | 132394   | 57.094   | ug/L   | 0.03     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 57.090%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.767  | 84    | 201231   | 29.601   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 59.200%# |
| 66) 1,2-Dichlorobenzene-d4    | 12.198  | 152   | 154684   | 30.641   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 61.280%# |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 33) Benzene                   | 5.771   | 78    | 171635   | 11.568   | ug/L   | 100      |
| 42) Toluene                   | 7.970   | 91    | 73640    | 4.523    | ug/L   | 97       |
| 51) Chlorobenzene             | 9.452   | 112   | 199961   | 18.090   | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 12.217  | 146   | 14620    | 1.714    | ug/L   | 96       |
| -----                         |         |       |          |          |        |          |

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

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