

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\U041422\  
 Data File : U048056.D  
 Acq On : 14 Apr 2022 14:25  
 Operator : SY/MD  
 Sample : N2316-06ME  
 Misc : 6.23g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETNQ4ME

Quant Time: Apr 15 02:26:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 15 02:23:12 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 334825   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423   | 117   | 340434   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819  | 152   | 169719   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 86764    | 35.734   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 71.460%  |
| 7) Chloroethane-d5            | 1.896   | 69    | 49270    | 25.735   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 51.480%# |
| 11) 1,1-Dichloroethene-d2     | 2.539   | 63    | 116703   | 26.271   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 52.540%# |
| 21) 2-Butanone-d5             | 4.645   | 46    | 174040   | 83.511   | ug/L   | 0.03     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 83.510%  |
| 24) Chloroform-d              | 5.063   | 84    | 180278   | 40.579   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.160%  |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 120500   | 44.224   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.440%  |
| 32) Benzene-d6                | 5.723   | 84    | 370993   | 43.309   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.620%  |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 122494   | 46.562   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 93.120%  |
| 41) Toluene-d8                | 7.899   | 98    | 319458   | 38.276   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 76.560%# |
| 43) trans-1,3-Dichloroprop... | 8.186   | 79    | 45529    | 34.160   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 68.320%  |
| 47) 2-Hexanone-d5             | 8.661   | 63    | 130863   | 84.973   | ug/L   | 0.03     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 84.970%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.767  | 84    | 194884   | 43.165   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 86.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.198  | 152   | 137366   | 45.493   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 90.980%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 33) Benzene                   | 5.771   | 78    | 31164    | 3.163    | ug/L   | 100      |
| 42) Toluene                   | 7.970   | 91    | 12213    | 1.130    | ug/L   | 99       |
| 51) Chlorobenzene             | 9.452   | 112   | 925232   | 126.031  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.841  | 146   | 6127     | 1.160    | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 12.214  | 146   | 10234    | 2.006    | ug/L # | 91       |
| 70) 1,2,4-trichlorobenzene    | 13.841  | 180   | 26940    | 7.428    | ug/L   | 97       |
| -----                         |         |       |          |          |        |          |

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

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