

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041422\  
 Data File : VU048051.D  
 Acq On : 14 Apr 2022 12:30  
 Operator : SY/MD  
 Sample : N2316-22ME  
 Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETNS0ME

Quant Time: Apr 15 02:25:20 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

### Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/15/2022  
 Supervised By :Mahesh Dadoda 04/15/2022

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 278456     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423          | 117  | 297310     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816         | 152  | 148604     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 50785      | 25.150   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 50.300%# |        |          |
| 7) Chloroethane-d5            | 1.871          | 69   | 29825m     | 18.732   | ug/L   | -0.04    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 37.460%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.539          | 63   | 63431      | 17.169   | ug/L   | -0.03    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 34.340%# |        |          |
| 21) 2-Butanone-d5             | 4.636          | 46   | 154625     | 89.215   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 89.210%  |        |          |
| 24) Chloroform-d              | 5.063          | 84   | 129195     | 34.967   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 69.940%# |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 95803      | 42.278   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 84.560%  |        |          |
| 32) Benzene-d6                | 5.723          | 84   | 243418     | 32.537   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 65.080%# |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 88979      | 38.728   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 77.460%  |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 190969     | 26.200   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 52.400%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.185          | 79   | 35257      | 30.290   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 60.580%  |        |          |
| 47) 2-Hexanone-d5             | 8.652          | 63   | 116096     | 86.318   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 86.320%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 172482     | 43.744   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 87.480%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 92572      | 35.015   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 70.020%# |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 33) Benzene                   | 5.768          | 78   | 32736      | 3.804    | ug/L   | 100      |
| 51) Chlorobenzene             | 9.452          | 112  | 114493     | 17.858   | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.841         | 146  | 3543       | 0.766    | ug/L # | 66       |
| 67) 1,2-Dichlorobenzene       | 12.217         | 146  | 3909       | 0.875    | ug/L   | 96       |
| -----                         |                |      |            |          |        |          |

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

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