

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050522\  
 Data File : VU048444.D  
 Acq On : 05 May 2022 17:58  
 Operator : SY/MD  
 Sample : N2699-08ME  
 Misc : 4.42g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BGBR1ME

Quant Time: May 06 05:40:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042522WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 06 05:30:23 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 05/06/2022  
 Supervised By : Mahesh Dadoda 05/06/2022

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 359977     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 359322     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815         | 152  | 178914     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 115805     | 34.984   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 69.960%  |        |          |
| 7) Chloroethane-d5            | 1.874          | 69   | 46439m     | 19.986   | ug/L   | -0.04    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 39.980%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.533          | 63   | 141988     | 26.770   | ug/L   | -0.04    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 53.540%# |        |          |
| 21) 2-Butanone-d5             | 4.636          | 46   | 217263     | 76.953   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 76.950%  |        |          |
| 24) Chloroform-d              | 5.060          | 84   | 218019     | 36.311   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 72.620%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 135181     | 37.946   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 75.900%  |        |          |
| 32) Benzene-d6                | 5.722          | 84   | 480697     | 42.417   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 84.840%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 157948     | 42.158   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 84.320%  |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 423127     | 41.191   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 82.380%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 65024      | 39.332   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 78.660%  |        |          |
| 47) 2-Hexanone-d5             | 8.655          | 63   | 162216     | 80.251   | ug/L   | 0.01     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 80.250%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 251385     | 38.258   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 76.520%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 177610     | 44.130   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 88.260%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 22) 2-Butanone                | 4.722          | 43   | 33104      | 12.351   | ug/L   | 98       |
| -----                         |                |      |            |          |        |          |

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

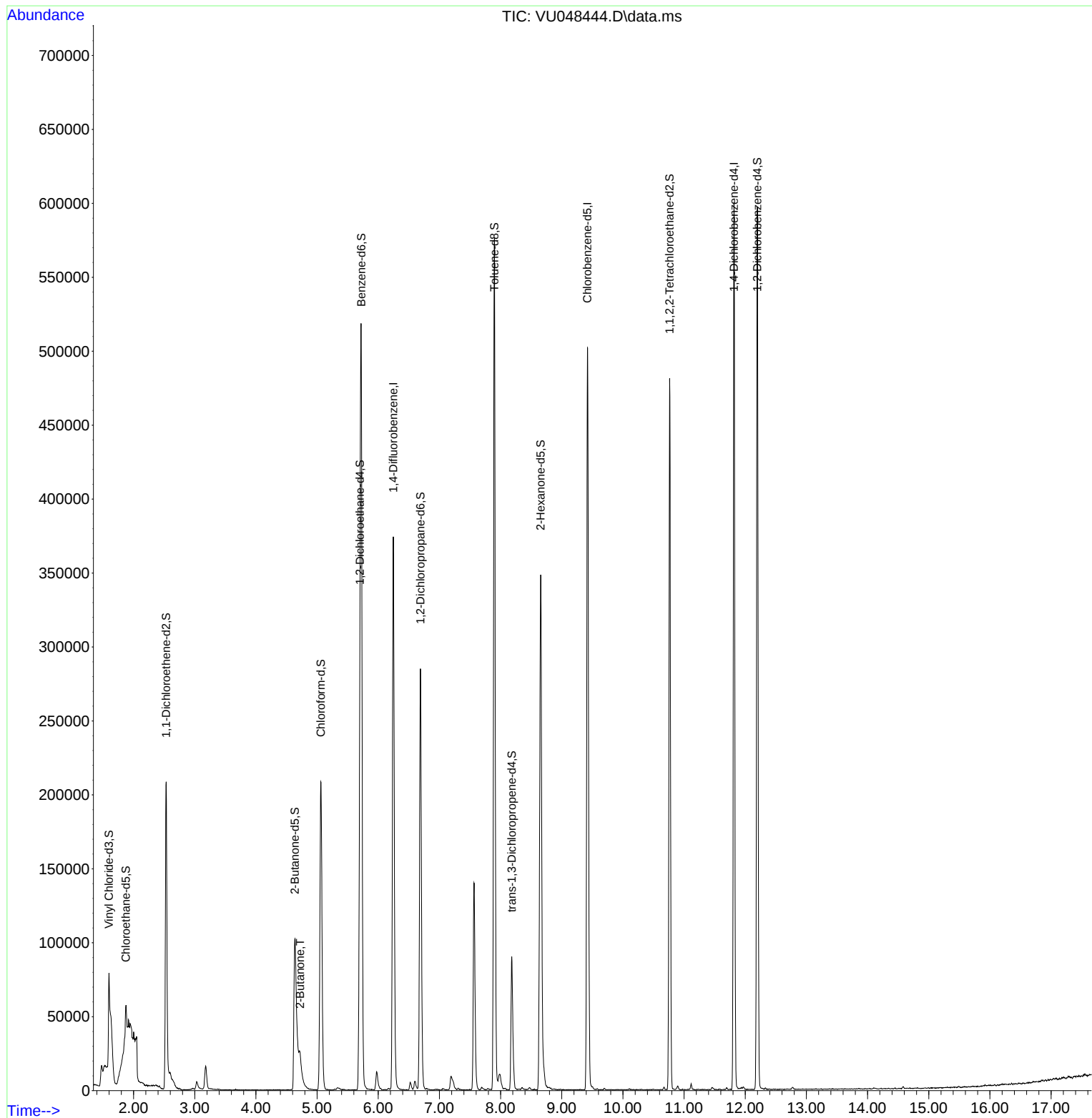
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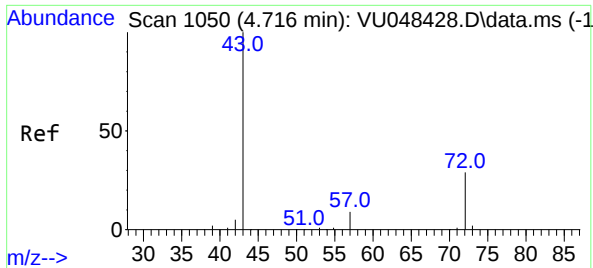
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#22  
 2-Butanone  
 Concen: 12.351 ug/L  
 RT: 4.722 min Scan# 10  
 Delta R.T. 0.006 min  
 Lab File: VU048444.D  
 Acq: 05 May 2022 17:58

Instrument : MSVOA\_U  
 ClientSampleId : BGBR1ME

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 33104    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 72          | 30.0 14.6 43.8 |

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