

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071522\  
 Data File : VU049730.D  
 Acq On : 15 Jul 2022 12:31  
 Operator : SY/MD  
 Sample : N3698-01ME  
 Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5B66ME

Quant Time: Jul 15 23:05:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM071122WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 15 23:03:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243   | 114   | 207012   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420   | 117   | 200093   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816  | 152   | 87892    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.594   | 65    | 33235    | 19.028   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 38.060%# |
| 7) Chloroethane-d5            | 1.883   | 69    | 22425    | 17.762   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 35.520%# |
| 11) 1,1-Dichloroethene-d2     | 2.527   | 63    | 76073    | 24.657   | ug/L   | -0.04    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 49.320%# |
| 21) 2-Butanone-d5             | 4.639   | 46    | 162537   | 109.008  | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 109.010% |
| 24) Chloroform-d              | 5.060   | 84    | 134003   | 43.316   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.640%  |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 94093    | 44.940   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.880%  |
| 32) Benzene-d6                | 5.719   | 84    | 234389   | 38.559   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 77.120%  |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 92496    | 45.238   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 90.480%  |
| 41) Toluene-d8                | 7.896   | 98    | 198642   | 37.524   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 75.040%# |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 34920    | 40.536   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 81.080%  |
| 47) 2-Hexanone-d5             | 8.658   | 63    | 100110   | 108.847  | ug/L   | 0.03     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 108.850% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764  | 84    | 147492   | 51.555   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 103.100% |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 81738    | 49.324   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 98.640%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.601   | 62    | 3506     | 1.425    | ug/L   | 91       |
| 16) Methylene chloride        | 3.031   | 84    | 3010     | 1.615    | ug/L   | 91       |
| 20) cis-1,2-Dichloroethene    | 4.655   | 96    | 11706    | 6.433    | ug/L   | 90       |
| -----                         |         |       |          |          |        |          |

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

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