

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071822\  
 Data File : VU049767.D  
 Acq On : 18 Jul 2022 18:00  
 Operator : SY/MD  
 Sample : N3698-05MERE  
 Misc : 4.51g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5B70MERE

Quant Time: Jul 19 02:12:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM071122WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 19 02:09:49 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|---------|-------|----------|----------|-------|-----------|
| -----                         |         |       |          |          |       |           |
| Internal Standards            |         |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 6.243   | 114   | 211068   | 50.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 9.420   | 117   | 205384   | 50.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.816  | 152   | 96201    | 50.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |         |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.594   | 65    | 36805    | 20.667   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 41.340%#  |
| 7) Chloroethane-d5            | 1.867   | 69    | 31168    | 24.212   | ug/L  | -0.03     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 48.420%#  |
| 11) 1,1-Dichloroethene-d2     | 2.517   | 63    | 88798    | 28.228   | ug/L  | -0.05     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 56.460%#  |
| 21) 2-Butanone-d5             | 4.636   | 46    | 261766   | 172.183  | ug/L  | 0.02      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 172.180%# |
| 24) Chloroform-d              | 5.057   | 84    | 186881   | 59.248   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 118.500%  |
| 26) 1,2-Dichloroethane-d4     | 5.697   | 65    | 136986   | 64.169   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 128.340%# |
| 32) Benzene-d6                | 5.716   | 84    | 319750   | 51.246   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 102.500%  |
| 36) 1,2-Dichloropropane-d6    | 6.687   | 67    | 126030   | 60.051   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 120.100%# |
| 41) Toluene-d8                | 7.896   | 98    | 260220   | 47.890   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 95.780%   |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 51379    | 58.106   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 116.220%  |
| 47) 2-Hexanone-d5             | 8.648   | 63    | 169116   | 179.138  | ug/L  | 0.02      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 179.140%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761  | 84    | 226324   | 77.072   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 154.140%# |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 116157   | 64.040   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 128.080%# |
| Target Compounds              |         |       |          |          |       |           |
| 20) cis-1,2-Dichloroethene    | 4.658   | 96    | 3082     | 1.661    | ug/L  | Qvalue 83 |
| -----                         |         |       |          |          |       |           |

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

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