

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040323\  
 Data File : VU053517.D  
 Acq On : 03 Apr 2023 14:05  
 Operator : JC/MD  
 Sample : 02130-15ME  
 Misc : 6.21g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C11B5ME

Quant Time: Apr 04 05:16:46 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM033123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 01 04:51:17 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.240   | 114   | 286412   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 284589   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 157851   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.594   | 65    | 62329    | 27.948   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 55.900%# |
| 7) Chloroethane-d5            | 1.870   | 69    | 26204    | 15.239   | ug/L   | -0.04    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 30.480%# |
| 11) 1,1-Dichloroethene-d2     | 2.542   | 63    | 92433    | 26.775   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 53.540%# |
| 21) 2-Butanone-d5             | 4.623   | 46    | 95557    | 94.636   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 94.640%  |
| 24) Chloroform-d              | 5.054   | 84    | 133035   | 36.069   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 72.140%  |
| 26) 1,2-Dichloroethane-d4     | 5.693   | 65    | 90602    | 41.571   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 83.140%  |
| 32) Benzene-d6                | 5.716   | 84    | 281299   | 36.619   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 73.240%  |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67    | 90906    | 38.717   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 77.440%  |
| 41) Toluene-d8                | 7.893   | 98    | 275184   | 36.042   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 72.080%# |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79    | 46559    | 38.415   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 76.820%  |
| 47) 2-Hexanone-d5             | 8.642   | 63    | 86067    | 107.404  | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 107.400% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 157443   | 47.575   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 95.160%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 128711   | 39.064   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 78.120%# |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          | Qvalue |          |
| 25) Chloroform                | 5.076   | 83    | 7647     | 2.279    | ug/L   | 98       |
| 46) Tetrachloroethene         | 8.549   | 164   | 62054    | 33.345   | ug/L   | 95       |
| -----                         |         |       |          |          |        |          |

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

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