

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040323\  
 Data File : VU053520.D  
 Acq On : 03 Apr 2023 15:16  
 Operator : JC/MD  
 Sample : 02151-07ME  
 Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C11B0ME

Quant Time: Apr 04 05:17:08 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   | 282676   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 270084   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152   | 151372   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.594   | 65    | 59822    | 27.178   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 54.360%# |
| 7) Chloroethane-d5            | 1.867   | 69    | 24174    | 14.244   | ug/L   | -0.04    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 28.480%# |
| 11) 1,1-Dichloroethene-d2     | 2.539   | 63    | 90046    | 26.428   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 52.860%# |
| 21) 2-Butanone-d5             | 4.623   | 46    | 99562    | 99.906   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 99.910%  |
| 24) Chloroform-d              | 5.054   | 84    | 125985   | 34.609   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 69.220%# |
| 26) 1,2-Dichloroethane-d4     | 5.694   | 65    | 88411    | 41.102   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 82.200%  |
| 32) Benzene-d6                | 5.716   | 84    | 279253   | 38.305   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 76.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67    | 89147    | 40.006   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 80.020%  |
| 41) Toluene-d8                | 7.893   | 98    | 264056   | 36.442   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 72.880%# |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79    | 44021    | 38.271   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 76.540%  |
| 47) 2-Hexanone-d5             | 8.642   | 63    | 84833    | 111.550  | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 111.550% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 153461   | 48.862   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 97.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 125746   | 39.797   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 79.600%# |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.633   | 43    | 2619     | 2.924    | ug/L   | 91       |
| 25) Chloroform                | 5.080   | 83    | 8263     | 2.495    | ug/L   | 97       |
| -----                         |         |       |          |          |        |          |

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

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