

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101023\  
 Data File : VU055727.D  
 Acq On : 10 Oct 2023 17:36  
 Operator : MD/SY  
 Sample : 04747-05ME  
 Misc : 4.11g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EX840ME

Quant Time: Oct 11 05:55:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 11 05:51:51 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242   | 114   | 523681   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.418   | 117   | 516022   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.814  | 152   | 225657   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595   | 65    | 201115   | 42.816   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 85.640%  |
| 7) Chloroethane-d5            | 1.878   | 69    | 93028    | 24.229   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 48.460%# |
| 11) 1,1-Dichloroethene-d2     | 2.531   | 63    | 280879   | 33.536   | ug/L   | -0.04    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 67.080%  |
| 21) 2-Butanone-d5             | 4.627   | 46    | 341167   | 98.021   | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 98.020%  |
| 24) Chloroform-d              | 5.055   | 84    | 388989   | 43.197   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.695   | 65    | 266814   | 48.138   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 96.280%  |
| 32) Benzene-d6                | 5.714   | 84    | 784075   | 47.490   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.980%  |
| 36) 1,2-Dichloropropane-d6    | 6.685   | 67    | 251995   | 48.212   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 96.420%  |
| 41) Toluene-d8                | 7.894   | 98    | 705683   | 47.335   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 94.660%  |
| 43) trans-1,3-Dichloroprop... | 8.180   | 79    | 116050   | 46.220   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 92.440%  |
| 47) 2-Hexanone-d5             | 8.659   | 63    | 239050   | 116.337  | ug/L   | 0.03     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 116.340% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.762  | 84    | 391145   | 48.617   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 97.240%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.193  | 152   | 236655   | 52.848   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 105.700% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 30) 1,1,1-Trichloroethane     | 5.309   | 97    | 3979     | 0.597    | ug/L # | 75       |
| 31) Carbon tetrachloride      | 5.512   | 117   | 5917     | 1.014    | ug/L   | 98       |
| 46) Tetrachloroethene         | 8.550   | 164   | 57607    | 18.027   | ug/L   | 94       |
| -----                         |         |       |          |          |        |          |

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

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