

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102021\  
 Data File : VU045340.D  
 Acq On : 20 Oct 2021 11:55  
 Operator : SY/MD  
 Sample : VU1020MBL03  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK027

Quant Time: Oct 21 01:57:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 21 01:57:14 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene     | 6.253  | 114  | 307655   | 50.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.423  | 117  | 292114   | 50.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.815 | 152  | 125133   | 50.000 | ug/L  | 0.00     |

## System Monitoring Compounds

|                               |         |       |          |          |      |          |
|-------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3          | 1.600   | 65    | 57474    | 42.884   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =    | 85.760%  |
| 7) Chloroethane-d5            | 1.912   | 69    | 58541    | 45.710   | ug/L | 0.02     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =    | 91.420%  |
| 11) 1,1-Dichloroethene-d2     | 2.568   | 63    | 71778    | 26.897   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =    | 53.800%# |
| 21) 2-Butanone-d5             | 4.626   | 46    | 204045   | 101.997  | ug/L | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =    | 102.000% |
| 24) Chloroform-d              | 5.070   | 84    | 164303   | 46.096   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =    | 92.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.706   | 65    | 116602   | 47.858   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =    | 95.720%  |
| 32) Benzene-d6                | 5.732   | 84    | 272672   | 49.628   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =    | 99.260%  |
| 36) 1,2-Dichloropropane-d6    | 6.697   | 67    | 109501   | 51.270   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =    | 102.540% |
| 41) Toluene-d8                | 7.902   | 98    | 219842   | 46.911   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =    | 93.820%  |
| 43) trans-1,3-Dichloroprop... | 8.185   | 79    | 52213    | 48.163   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =    | 96.320%  |
| 47) 2-Hexanone-d5             | 8.635   | 63    | 137280   | 102.442  | ug/L | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =    | 102.440% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761  | 84    | 199325   | 49.367   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =    | 98.740%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.198  | 152   | 115954   | 53.408   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =    | 106.820% |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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