

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071723\  
 Data File : VU054794.D  
 Acq On : 17 Jul 2023 15:40  
 Operator : MD/SY  
 Sample : VU0717MBL01  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK097

Quant Time: Jul 18 06:02:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM071723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 18 05:50:33 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.245   | 114   | 235324   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415   | 117   | 225750   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810  | 152   | 114967   | 50.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595   | 65    | 85864    | 47.209   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 94.420%  |
| 7) Chloroethane-d5            | 1.882   | 69    | 83741    | 46.026   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 92.060%  |
| 11) 1,1-Dichloroethene-d2     | 2.554   | 63    | 85393    | 32.730   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 65.460%  |
| 21) 2-Butanone-d5             | 4.618   | 46    | 116365   | 99.535   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 99.540%  |
| 24) Chloroform-d              | 5.055   | 84    | 128037   | 45.223   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 90.440%  |
| 26) 1,2-Dichloroethane-d4     | 5.695   | 65    | 80688    | 47.592   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 95.180%  |
| 32) Benzene-d6                | 5.721   | 84    | 260491   | 48.441   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 96.880%  |
| 36) 1,2-Dichloropropane-d6    | 6.685   | 67    | 89123    | 49.220   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 98.440%  |
| 41) Toluene-d8                | 7.894   | 98    | 246705   | 48.145   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 96.280%  |
| 43) trans-1,3-Dichloroprop... | 8.177   | 79    | 41652    | 44.968   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 89.940%  |
| 47) 2-Hexanone-d5             | 8.630   | 63    | 84165    | 98.333   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 98.330%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753  | 84    | 150139   | 45.143   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 90.280%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190  | 152   | 96508    | 48.851   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 97.700%  |

Target Compounds Qvalue

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

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