

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020323\  
 Data File : VU052939.D  
 Acq On : 03 Feb 2023 12:50  
 Operator : JC/MD  
 Sample : VU0203MBL01  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK042

Quant Time: Feb 03 23:45:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM012623WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Feb 03 23:44:08 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene     | 6.243  | 114  | 202109   | 50.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.414  | 117  | 197327   | 50.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.809 | 152  | 92369    | 50.000 | ug/L  | 0.00     |

|                               |         |       |          |          |      |          |
|-------------------------------|---------|-------|----------|----------|------|----------|
| System Monitoring Compounds   |         |       |          |          |      |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 62533    | 42.987   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =    | 85.980%  |
| 7) Chloroethane-d5            | 1.909   | 69    | 61361    | 51.193   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =    | 102.380% |
| 11) 1,1-Dichloroethene-d2     | 2.559   | 63    | 100040   | 34.576   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =    | 69.160%  |
| 21) 2-Butanone-d5             | 4.629   | 46    | 71906    | 80.017   | ug/L | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =    | 80.020%  |
| 24) Chloroform-d              | 5.057   | 84    | 152089   | 48.989   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =    | 97.980%  |
| 26) 1,2-Dichloroethane-d4     | 5.697   | 65    | 99656    | 50.273   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =    | 100.540% |
| 32) Benzene-d6                | 5.719   | 84    | 283607   | 47.043   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =    | 94.080%  |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67    | 85676    | 48.456   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =    | 96.920%  |
| 41) Toluene-d8                | 7.893   | 98    | 245253   | 44.676   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =    | 89.360%  |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79    | 40346    | 45.527   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =    | 91.060%  |
| 47) 2-Hexanone-d5             | 8.652   | 63    | 49799    | 80.158   | ug/L | 0.02     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =    | 80.160%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 115838   | 44.342   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =    | 88.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 93396    | 52.073   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =    | 104.140% |

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

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

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