

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102023\  
 Data File : VU055820.D  
 Acq On : 20 Oct 2023 09:58  
 Operator : MD/SY  
 Sample : VU1020MBL01  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK111

Quant Time: Oct 23 01:04:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Oct 23 01:04:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|--------|----------|----------|
| -----                         |         |                |          |        |          |          |
| Internal Standards            |         |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245   | 114            | 496699   | 50.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415   | 117            | 496248   | 50.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811  | 152            | 239795   | 50.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.599   | 65             | 190961   | 42.862 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =      | 85.720%  |          |
| 7) Chloroethane-d5            | 1.888   | 69             | 163390   | 44.866 | ug/L     | -0.02    |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =      | 89.740%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.557   | 63             | 275294   | 34.655 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 69.300%  |          |
| 21) 2-Butanone-d5             | 4.612   | 46             | 270571   | 81.961 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =      | 81.960%  |          |
| 24) Chloroform-d              | 5.055   | 84             | 386846   | 45.293 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 90.580%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695   | 65             | 253331   | 48.188 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 96.380%  |          |
| 32) Benzene-d6                | 5.721   | 84             | 776243   | 48.889 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 97.780%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685   | 67             | 246710   | 49.081 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =      | 98.160%  |          |
| 41) Toluene-d8                | 7.894   | 98             | 676679   | 47.198 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 94.400%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177   | 79             | 108746   | 45.037 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 90.080%  |          |
| 47) 2-Hexanone-d5             | 8.631   | 63             | 136739   | 69.198 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =      | 69.200%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753  | 84             | 384993   | 49.759 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =      | 99.520%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190  | 152            | 257629   | 54.140 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 108.280% |          |

Target Compounds Qvalue

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

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