

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121921\  
 Data File : VU046501.D  
 Acq On : 19 Dec 2021 17:38  
 Operator : SY/MD  
 Sample : M5103-04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK001

Quant Time: Dec 20 00:29:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Dec 20 00:25:10 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.253   | 114   | 137431   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.420   | 117   | 139774   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 68248    | 50.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.604   | 65    | 45159    | 39.890   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 79.780%  |
| 7) Chloroethane-d5            | 1.919   | 69    | 38466    | 44.254   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 88.500%  |
| 11) 1,1-Dichloroethene-d2     | 2.575   | 63    | 64370    | 31.673   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 63.340%  |
| 21) 2-Butanone-d5             | 4.645   | 46    | 88905    | 98.788   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 98.790%  |
| 24) Chloroform-d              | 5.070   | 84    | 93658    | 49.541   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 99.080%  |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 64646    | 50.952   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 101.900% |
| 32) Benzene-d6                | 5.732   | 84    | 182070   | 45.447   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 90.900%  |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67    | 56916    | 45.842   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 91.680%  |
| 41) Toluene-d8                | 7.899   | 98    | 154606   | 42.386   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 84.780%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 27308    | 45.563   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 91.120%  |
| 47) 2-Hexanone-d5             | 8.636   | 63    | 62945    | 106.926  | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 106.930% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 90226    | 47.918   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 95.840%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 63034    | 47.959   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 95.920%  |

Target Compounds Qvalue

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

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