

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032622\  
 Data File : VU047711.D  
 Acq On : 26 Mar 2022 16:05  
 Operator : SY/MD  
 Sample : VIBLK052  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK052

Quant Time: Mar 28 05:09:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Mar 28 05:05:44 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 311761   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 318576   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 171716   | 50.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65    | 97972    | 43.335   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 86.680%  |
| 7) Chloroethane-d5            | 1.919   | 69    | 85451    | 47.935   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 95.880%  |
| 11) 1,1-Dichloroethene-d2     | 2.572   | 63    | 137905   | 33.340   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 66.680%  |
| 21) 2-Butanone-d5             | 4.642   | 46    | 231956   | 119.536  | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 119.540% |
| 24) Chloroform-d              | 5.067   | 84    | 202989   | 49.071   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 98.140%  |
| 26) 1,2-Dichloroethane-d4     | 5.707   | 65    | 132157   | 52.090   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 104.180% |
| 32) Benzene-d6                | 5.729   | 84    | 406780   | 50.744   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 101.480% |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67    | 130523   | 53.018   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 106.040% |
| 41) Toluene-d8                | 7.899   | 98    | 364773   | 46.705   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 93.400%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 60301    | 48.348   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 96.700%  |
| 47) 2-Hexanone-d5             | 8.636   | 63    | 166497   | 115.528  | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 115.530% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 214910   | 50.866   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 101.740% |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 161299   | 52.798   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 105.600% |
| Target Compounds              |         |       |          |          |       |          |
| 20) cis-1,2-Dichloroethene    | 4.668   | 96    | 1910     | 0.755    | ug/L  | 88       |
| 63) 1,2,4-Trimethylbenzene    | 11.468  | 105   | 10564    | 1.381    | ug/L  | 97       |

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

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