

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012723\  
 Data File : VU052836.D  
 Acq On : 27 Jan 2023 11:07  
 Operator : JC/MD  
 Sample : 01316-04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A44G8

Quant Time: Jan 27 22:21:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM012623WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jan 27 22:20:01 2023  
 Response via : Initial Calibration

| Compound                      | R.T. QIon      |     | Response | Conc        | Units | Dev(Min) |
|-------------------------------|----------------|-----|----------|-------------|-------|----------|
| -----                         |                |     |          |             |       |          |
| Internal Standards            |                |     |          |             |       |          |
| 1) 1,4-Difluorobenzene        | 6.244          | 114 | 171864   | 50.000      | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.414          | 117 | 166241   | 50.000      | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809         | 152 | 83205    | 50.000      | ug/L  | 0.00     |
| System Monitoring Compounds   |                |     |          |             |       |          |
| 4) Vinyl Chloride-d3          | 1.598          | 65  | 77198    | 62.407      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |     | Recovery | = 124.820%  |       |          |
| 7) Chloroethane-d5            | 1.909          | 69  | 68722    | 67.423      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |     | Recovery | = 134.840%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.565          | 63  | 117858   | 47.903      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |     | Recovery | = 95.800%   |       |          |
| 21) 2-Butanone-d5             | 4.617          | 46  | 120213   | 157.314     | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |     | Recovery | = 157.310%# |       |          |
| 24) Chloroform-d              | 5.057          | 84  | 172023   | 65.161      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |     | Recovery | = 130.320%# |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.697          | 65  | 115590   | 68.572      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |     | Recovery | = 137.140%# |       |          |
| 32) Benzene-d6                | 5.723          | 84  | 336032   | 66.162      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |     | Recovery | = 132.320%# |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.684          | 67  | 99759    | 66.971      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |     | Recovery | = 133.940%# |       |          |
| 41) Toluene-d8                | 7.893          | 98  | 300620   | 65.001      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |     | Recovery | = 130.000%# |       |          |
| 43) trans-1,3-Dichloroprop... | 8.176          | 79  | 50221    | 67.267      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |     | Recovery | = 134.540%# |       |          |
| 47) 2-Hexanone-d5             | 8.629          | 63  | 80765    | 154.311     | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |     | Recovery | = 154.310%# |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.752         | 84  | 147974   | 67.236      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |     | Recovery | = 134.480%# |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189         | 152 | 121447   | 75.171      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |     | Recovery | = 150.340%# |       |          |
| Target Compounds              |                |     |          |             |       |          |
|                               |                |     |          |             |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.389          | 85  | 5077     | 3.155       | ug/L  | 94       |
| 13) Acetone                   | 2.626          | 43  | 2955     | 3.166       | ug/L  | 86       |
| 33) Benzene                   | 5.771          | 78  | 46026    | 8.133       | ug/L  | 100      |
| 51) Chlorobenzene             | 9.443          | 112 | 31696    | 7.944       | ug/L  | 99       |
| 61) Isopropylbenzene          | 10.481         | 105 | 25087    | 4.668       | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.832         | 146 | 14227    | 5.069       | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 12.208         | 146 | 7654     | 2.791       | ug/L  | 94       |
| -----                         |                |     |          |             |       |          |

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

