

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100821\  
 Data File : VU045259.D  
 Acq On : 08 Oct 2021 18:14  
 Operator : SY/MD  
 Sample : M4023-21  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK001

Quant Time: Oct 09 05:33:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 09 05:29:23 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253          | 114  | 282341     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 273159     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815         | 152  | 116249     | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600          | 65   | 148659     | 48.097   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 96.200%  |        |          |
| 7) Chloroethane-d5            | 1.896          | 69   | 118020     | 48.186   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 96.380%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 180951     | 34.862   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 69.720%  |        |          |
| 21) 2-Butanone-d5             | 4.629          | 46   | 220749     | 90.341   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 90.340%  |        |          |
| 24) Chloroform-d              | 5.070          | 84   | 219676     | 45.001   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.000%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.706          | 65   | 156676     | 47.383   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.760%  |        |          |
| 32) Benzene-d6                | 5.732          | 84   | 471571     | 49.752   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 99.500%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.693          | 67   | 151797     | 49.115   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 98.240%  |        |          |
| 41) Toluene-d8                | 7.902          | 98   | 403049     | 49.274   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.540%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 66091      | 48.073   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 96.140%  |        |          |
| 47) 2-Hexanone-d5             | 8.635          | 63   | 153132     | 89.408   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 89.410%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761         | 84   | 222442     | 46.220   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 92.440%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 137570     | 54.378   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 108.760% |        |          |
| Target Compounds              |                |      |            |          |        |          |
|                               |                |      |            |          | Qvalue |          |
| 16) Methylene chloride        | 3.051          | 84   | 2708       | 0.978    | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 4.665          | 96   | 1321       | 0.520    | ug/L   | 91       |
| 34) Trichloroethene           | 6.546          | 95   | 1273       | 0.523    | ug/L   | 85       |
| 42) Toluene                   | 7.973          | 91   | 6417       | 0.623    | ug/L   | 99       |
| -----                         |                |      |            |          |        |          |

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

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