

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050123\  
 Data File : VU054029.D  
 Acq On : 01 May 2023 16:30  
 Operator : JC/MD  
 Sample : 02565-08  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AY1

Quant Time: May 02 05:33:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042923WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 02 05:29:54 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.243          | 114  | 260219     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.410          | 117  | 247991     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.806         | 152  | 120854     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 79263      | 40.275   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 80.540%  |       |          |
| 7) Chloroethane-d5            | 1.909          | 69   | 53561      | 41.460   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 82.920%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 115313     | 33.035   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 66.060%  |       |          |
| 21) 2-Butanone-d5             | 4.620          | 46   | 114976     | 102.432  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 102.430% |       |          |
| 24) Chloroform-d              | 5.057          | 84   | 157799     | 43.656   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.320%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.694          | 65   | 106552     | 45.912   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.820%  |       |          |
| 32) Benzene-d6                | 5.719          | 84   | 318722     | 43.663   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.320%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.684          | 67   | 105064     | 45.592   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 91.180%  |       |          |
| 41) Toluene-d8                | 7.893          | 98   | 286907     | 43.535   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.060%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.172          | 79   | 49053      | 43.013   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 86.020%  |       |          |
| 47) 2-Hexanone-d5             | 8.629          | 63   | 77032      | 93.329   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 93.330%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751         | 84   | 140667     | 46.342   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 92.680%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.188         | 152  | 115666     | 48.992   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 97.980%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 30) 1,1,1-Trichloroethane     | 5.311          | 97   | 22717      | 7.349    | ug/L  | 99       |
| 34) Trichloroethene           | 6.536          | 95   | 48452      | 25.291   | ug/L  | 94       |
| -----                         |                |      |            |          |       |          |

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

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