

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100721\  
 Data File : VU045224.D  
 Acq On : 07 Oct 2021 21:52  
 Operator : SY/MD  
 Sample : M4023-14  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AK3

Quant Time: Oct 07 22:21:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 07 22:18:46 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.253          | 114  | 292870     | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 281148     | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816         | 152  | 119614     | 50.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 130685     | 40.762  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 81.520% |       |          |
| 7) Chloroethane-d5            | 1.893          | 69   | 105556     | 41.548  | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 83.100% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 172205     | 31.984  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 63.960% |       |          |
| 21) 2-Butanone-d5             | 4.626          | 46   | 198042     | 78.134  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 78.130% |       |          |
| 24) Chloroform-d              | 5.067          | 84   | 201595     | 39.812  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 79.620% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.707          | 65   | 143658     | 41.884  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.760% |       |          |
| 32) Benzene-d6                | 5.729          | 84   | 421101     | 43.164  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.320% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.697          | 67   | 134503     | 42.283  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 84.560% |       |          |
| 41) Toluene-d8                | 7.903          | 98   | 366761     | 43.563  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.120% |       |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 53820      | 38.035  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 76.080% |       |          |
| 47) 2-Hexanone-d5             | 8.636          | 63   | 140488     | 79.695  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 79.690% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761         | 84   | 203125     | 41.007  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 82.020% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 125187     | 48.091  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 96.180% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.575          | 96   | 19712      | 8.692   | ug/L  | # 1      |
| 17) trans-1,2-Dichloroethene  | 3.353          | 96   | 3528       | 1.477   | ug/L  | 91       |
| 19) 1,1-Dichloroethane        | 3.871          | 63   | 7621       | 1.533   | ug/L  | 98       |
| 20) cis-1,2-Dichloroethene    | 4.671          | 96   | 181990     | 69.129  | ug/L  | 93       |
| 30) 1,1,1-Trichloroethane     | 5.321          | 97   | 47729      | 12.264  | ug/L  | 98       |
| 34) Trichloroethene           | 6.546          | 95   | 173103     | 69.114  | ug/L  | 98       |
| 42) Toluene                   | 7.973          | 91   | 5809       | 0.548   | ug/L  | 92       |
| -----                         |                |      |            |         |       |          |

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

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