

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100821\  
 Data File : VU045245.D  
 Acq On : 08 Oct 2021 12:42  
 Operator : SY/MD  
 Sample : M4024-15DL 5X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AM3DL

Quant Time: Oct 09 05:31:03 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  | 275276     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 268038     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816         | 152  | 119247     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601          | 65   | 139552     | 46.309   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 92.620%  |        |          |
| 7) Chloroethane-d5            | 1.896          | 69   | 110963     | 46.468   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 92.940%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.565          | 63   | 168364     | 33.269   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 66.540%  |        |          |
| 21) 2-Butanone-d5             | 4.626          | 46   | 195686     | 82.139   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 82.140%  |        |          |
| 24) Chloroform-d              | 5.070          | 84   | 208380     | 43.782   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.560%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.707          | 65   | 145181     | 45.033   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.060%  |        |          |
| 32) Benzene-d6                | 5.732          | 84   | 435041     | 46.774   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.540%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.697          | 67   | 139860     | 46.117   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 92.240%  |        |          |
| 41) Toluene-d8                | 7.903          | 98   | 375523     | 46.786   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.580%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 62316      | 46.193   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 92.380%  |        |          |
| 47) 2-Hexanone-d5             | 8.636          | 63   | 136317     | 81.111   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 81.110%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761         | 84   | 207298     | 43.896   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 87.800%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 130175     | 50.161   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 100.320% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 5) Vinyl chloride             | 1.604          | 62   | 123314     | 38.311   | ug/L # | 75       |
| 8) Chloroethane               | 1.919          | 64   | 9644       | 4.774    | ug/L # | 71       |
| 14) Carbon disulfide          | 2.797          | 76   | 3971       | 0.581    | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.874          | 63   | 16822      | 3.601    | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 4.671          | 96   | 63110      | 25.505   | ug/L   | 94       |
| 42) Toluene                   | 7.973          | 91   | 20321      | 2.012    | ug/L   | 100      |
| 52) Ethylbenzene              | 9.575          | 91   | 100329     | 9.402    | ug/L   | 99       |
| 53) m,p-Xylene                | 9.694          | 106  | 105733     | 26.157   | ug/L   | 98       |
| 54) o-xylene                  | 10.105         | 106  | 22378      | 5.634    | ug/L   | 100      |
| 61) Isopropylbenzene          | 10.488         | 105  | 13026      | 1.493    | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.472         | 105  | 4485       | 0.601    | ug/L   | 98       |
| -----                         |                |      |            |          |        |          |

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

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