

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032823\  
 Data File : VU053451.D  
 Acq On : 28 Mar 2023 22:32  
 Operator : JC/MD  
 Sample : 02037-11DL 1000X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E45F2DL

Quant Time: Mar 29 04:17:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM031523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 29 02:16:14 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.244          | 114  | 199022     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.414          | 117  | 186239     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.806         | 152  | 88561      | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 79089      | 43.075   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 86.140%  |       |          |
| 7) Chloroethane-d5            | 1.913          | 69   | 65116      | 43.844   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 87.680%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.565          | 63   | 99590      | 31.311   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 62.620%  |       |          |
| 21) 2-Butanone-d5             | 4.623          | 46   | 103545     | 121.591  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 121.590% |       |          |
| 24) Chloroform-d              | 5.057          | 84   | 132151     | 43.699   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.400%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.697          | 65   | 89709      | 47.765   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.540%  |       |          |
| 32) Benzene-d6                | 5.723          | 84   | 271225     | 44.899   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.800%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.684          | 67   | 92336      | 47.361   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 94.720%  |       |          |
| 41) Toluene-d8                | 7.893          | 98   | 245897     | 43.722   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.440%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.176          | 79   | 42623      | 44.311   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 88.620%  |       |          |
| 47) 2-Hexanone-d5             | 8.629          | 63   | 59862      | 98.211   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 98.210%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751         | 84   | 122545     | 48.522   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 97.040%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189         | 152  | 90535      | 52.797   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 105.600% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 20) cis-1,2-Dichloroethene    | 4.662          | 96   | 166371     | 95.514   | ug/L  | 98       |
| 46) Tetrachloroethene         | 8.546          | 164  | 1664       | 1.519    | ug/L  | 85       |
| -----                         |                |      |            |          |       |          |

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

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