

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU093022\  
 Data File : VU051054.D  
 Acq On : 30 Sep 2022 23:33  
 Operator : JC/MD  
 Sample : N4869-01DL 10X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5J00DL

Quant Time: Oct 01 04:30:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092922WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 01 03:04:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 440030     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 421015     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809         | 152  | 157239     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 150825     | 33.821   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 67.640%  |       |          |
| 7) Chloroethane-d5            | 1.912          | 69   | 146669     | 35.406   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 70.820%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 199945     | 30.353   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 60.700%  |       |          |
| 21) 2-Butanone-d5             | 4.633          | 46   | 306695     | 106.037  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 106.040% |       |          |
| 24) Chloroform-d              | 5.060          | 84   | 314059     | 43.712   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.420%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 206843     | 46.512   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.020%  |       |          |
| 32) Benzene-d6                | 5.726          | 84   | 627391     | 50.888   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.780% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 216639     | 54.151   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 108.300% |       |          |
| 41) Toluene-d8                | 7.896          | 98   | 522228     | 45.846   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 91.700%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 88391      | 46.322   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 92.640%  |       |          |
| 47) 2-Hexanone-d5             | 8.636          | 63   | 163329     | 101.108  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 101.110% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755         | 84   | 319636     | 45.716   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 91.440%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152  | 171142     | 50.949   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 101.900% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 20) cis-1,2-Dichloroethene    | 4.665          | 96   | 63432      | 17.018   | ug/L  | 91       |
| 34) Trichloroethene           | 6.542          | 95   | 23043      | 6.931    | ug/L  | 93       |
| 46) Tetrachloroethene         | 8.552          | 164  | 242351     | 96.194   | ug/L  | 99       |
| -----                         |                |      |            |          |       |          |

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

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