

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU093022\  
 Data File : VU051029.D  
 Acq On : 30 Sep 2022 13:28  
 Operator : JC/MD  
 Sample : N4854-07 50X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5J23

Quant Time: Oct 01 01:25:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092922WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 01 01:23:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 410415     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 411125     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809         | 152  | 148067     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 173066     | 41.609   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 83.220%  |       |          |
| 7) Chloroethane-d5            | 1.909          | 69   | 180640     | 46.753   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 93.500%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.565          | 63   | 216292     | 35.204   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 70.400%  |       |          |
| 21) 2-Butanone-d5             | 4.626          | 46   | 287146     | 106.441  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 106.440% |       |          |
| 24) Chloroform-d              | 5.060          | 84   | 322102     | 48.066   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.140%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 210872     | 50.839   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.680% |       |          |
| 32) Benzene-d6                | 5.726          | 84   | 630406     | 52.362   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 104.720% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 216850     | 55.508   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 111.020% |       |          |
| 41) Toluene-d8                | 7.896          | 98   | 520278     | 46.773   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.540%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 88770      | 47.640   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 95.280%  |       |          |
| 47) 2-Hexanone-d5             | 8.636          | 63   | 144904     | 91.860   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 91.860%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754         | 84   | 320182     | 46.895   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 93.800%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152  | 166610     | 52.673   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 105.340% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 46) Tetrachloroethene         | 8.552          | 164  | 4223       | 1.717    | ug/L  | 92       |
| -----                         |                |      |            |          |       |          |

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

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