

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU093022\  
 Data File : VU051056.D  
 Acq On : 01 Oct 2022 00:19  
 Operator : JC/MD  
 Sample : N4869-03DL 20X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5J05DL

Quant Time: Oct 01 04:31:07 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            | 447784   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117            | 441270   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152            | 174348   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65             | 143201   | 31.556  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 63.120%  |          |
| 7) Chloroethane-d5            | 1.900   | 69             | 120697   | 28.632  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 57.260%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.559   | 63             | 194074   | 28.951  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 57.900%# |          |
| 21) 2-Butanone-d5             | 4.623   | 46             | 298382   | 101.376 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 101.380% |          |
| 24) Chloroform-d              | 5.060   | 84             | 306628   | 41.939  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 83.880%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65             | 201267   | 44.474  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 88.940%  |          |
| 32) Benzene-d6                | 5.723   | 84             | 614177   | 47.529  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 95.060%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.687   | 67             | 208347   | 49.688  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 99.380%  |          |
| 41) Toluene-d8                | 7.896   | 98             | 505434   | 42.335  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 84.660%  |          |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79             | 84085    | 42.043  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 84.080%  |          |
| 47) 2-Hexanone-d5             | 8.639   | 63             | 170758   | 100.855 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 100.860% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754  | 84             | 326145   | 44.505  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 89.020%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152            | 176400   | 47.361  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 94.720%  |          |
| Target Compounds              |         |                |          |         |          |          |
|                               |         |                |          |         | Qvalue   |          |
| 46) Tetrachloroethene         | 8.552   | 164            | 176643   | 66.895  | ug/L     | 99       |
| -----                         |         |                |          |         |          |          |

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

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