

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100622\  
 Data File : VU051181.D  
 Acq On : 06 Oct 2022 18:55  
 Operator : JC/MD  
 Sample : N4893-11  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5J10

Quant Time: Oct 07 01:34:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092922WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 07 01:29:24 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114   | 381684   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 399472   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 143640   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 161223   | 41.679   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 83.360%  |
| 7) Chloroethane-d5            | 1.900   | 69    | 139590   | 38.848   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 77.700%  |
| 11) 1,1-Dichloroethene-d2     | 2.559   | 63    | 185248   | 32.421   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 64.840%  |
| 21) 2-Butanone-d5             | 4.620   | 46    | 213945   | 85.276   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 85.280%  |
| 24) Chloroform-d              | 5.060   | 84    | 268516   | 43.086   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.180%  |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 171210   | 44.384   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.760%  |
| 32) Benzene-d6                | 5.723   | 84    | 528346   | 45.165   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.340%  |
| 36) 1,2-Dichloropropane-d6    | 6.687   | 67    | 183137   | 48.246   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 96.500%  |
| 41) Toluene-d8                | 7.896   | 98    | 417609   | 38.639   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 77.280%# |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79    | 66316    | 36.628   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 73.260%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 106727   | 69.632   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 69.630%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755  | 84    | 272709   | 41.107   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 82.220%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 140503   | 45.788   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 91.580%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.623   | 43    | 61908    | 30.901   | ug/L   | 96       |
| 22) 2-Butanone                | 4.710   | 43    | 20058    | 7.246    | ug/L   | 82       |
| 42) Toluene                   | 7.967   | 91    | 15129    | 1.168    | ug/L   | 96       |
| 46) Tetrachloroethene         | 8.552   | 164   | 303801   | 127.087  | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

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

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