

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092022\  
 Data File : VU050847.D  
 Acq On : 20 Sep 2022 21:32  
 Operator : JC/MD  
 Sample : N4651-09 50X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXZ41

Quant Time: Sep 21 02:27:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 21 02:18:13 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 345199   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 338271   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 125807   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 162212   | 45.355   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 90.720%  |
| 7) Chloroethane-d5            | 1.906   | 69    | 126606   | 49.705   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 99.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63    | 196964   | 35.393   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 70.780%  |
| 21) 2-Butanone-d5             | 4.620   | 46    | 281434   | 121.887  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 121.890% |
| 24) Chloroform-d              | 5.060   | 84    | 266812   | 47.604   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 174770   | 50.598   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 101.200% |
| 32) Benzene-d6                | 5.726   | 84    | 537304   | 48.223   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 96.440%  |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 186099   | 49.482   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 98.960%  |
| 41) Toluene-d8                | 7.896   | 98    | 428761   | 44.023   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 88.040%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 69736    | 42.623   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 85.240%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 162556   | 104.884  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 104.880% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754  | 84    | 270873   | 47.241   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 94.480%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 141382   | 53.674   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 107.340% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.604   | 62    | 52473    | 12.898   | ug/L   | 95       |
| 8) Chloroethane               | 1.928   | 64    | 4064     | 1.804    | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.571   | 96    | 3177     | 1.197    | ug/L # | 1        |
| 17) trans-1,2-Dichloroethene  | 3.353   | 96    | 3991     | 1.467    | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.867   | 63    | 290778   | 52.906   | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 4.665   | 96    | 224387   | 74.401   | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 5.803   | 62    | 2035     | 0.489    | ug/L # | 93       |
| 30) 1,1,1-Trichloroethane     | 5.317   | 97    | 6087     | 1.353    | ug/L   | 97       |
| 54) o-Xylene                  | 10.098  | 106   | 3156     | 0.691    | ug/L   | 94       |
| 63) 1,2,4-Trimethylbenzene    | 11.468  | 105   | 11291    | 1.543    | ug/L   | 99       |
| -----                         |         |       |          |          |        |          |

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

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