

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040323\  
 Data File : VU053547.D  
 Acq On : 04 Apr 2023 02:43  
 Operator : JC/MD  
 Sample : 02158-27  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DUP-1(20230328)

Quant Time: Apr 04 06:58:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM033123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 01 04:51:17 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243   | 114   | 264518   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414   | 117   | 247932   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152   | 125315   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 85733    | 41.624   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 83.240%  |
| 7) Chloroethane-d5            | 1.909   | 69    | 75302    | 47.417   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 94.840%  |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63    | 106693   | 33.463   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 66.920%  |
| 21) 2-Butanone-d5             | 4.613   | 46    | 100180   | 107.427  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 107.430% |
| 24) Chloroform-d              | 5.057   | 84    | 153823   | 45.157   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.320%  |
| 26) 1,2-Dichloroethane-d4     | 5.697   | 65    | 101280   | 50.317   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.640% |
| 32) Benzene-d6                | 5.723   | 84    | 317174   | 47.393   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.780%  |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67    | 101859   | 49.795   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 99.600%  |
| 41) Toluene-d8                | 7.893   | 98    | 293639   | 44.145   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 88.300%  |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79    | 45627    | 43.212   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 86.420%  |
| 47) 2-Hexanone-d5             | 8.626   | 63    | 77593    | 111.146  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 111.150% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751  | 84    | 142718   | 49.502   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 99.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.189  | 152   | 117727   | 45.007   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 90.020%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.568   | 96    | 1608     | 0.991    | ug/L   | # 1      |
| 20) cis-1,2-Dichloroethene    | 4.668   | 96    | 2687     | 1.426    | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.742  | 146   | 3963     | 1.024    | ug/L   | 86       |
| 65) 1,4-Dichlorobenzene       | 11.835  | 146   | 11813    | 2.994    | ug/L   | 91       |
| 70) 1,2,4-trichlorobenzene    | 13.838  | 180   | 13760    | 5.177    | ug/L   | 99       |
| -----                         |         |       |          |          |        |          |

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

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