

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040323\  
 Data File : VU053540.D  
 Acq On : 03 Apr 2023 23:57  
 Operator : JC/MD  
 Sample : 02158-12  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PMW-9S(20230330)

Quant Time: Apr 04 06:57:58 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   | 251402   | 50.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.414   | 117   | 239008   | 50.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152   | 136246   | 50.000   | ug/L   | # 0.00    |
| System Monitoring Compounds   |         |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 90076    | 46.014   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 92.020%   |
| 7) Chloroethane-d5            | 1.909   | 69    | 75313    | 49.898   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 99.800%   |
| 11) 1,1-Dichloroethene-d2     | 2.562   | 63    | 111068   | 36.653   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 73.300%   |
| 21) 2-Butanone-d5             | 4.613   | 46    | 111003   | 125.243  | ug/L   | 0.00      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 125.240%  |
| 24) Chloroform-d              | 5.057   | 84    | 159882   | 49.385   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 98.760%   |
| 26) 1,2-Dichloroethane-d4     | 5.694   | 65    | 104497   | 54.624   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 109.240%  |
| 32) Benzene-d6                | 5.722   | 84    | 327918   | 50.828   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 101.660%  |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67    | 102070   | 51.762   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 103.520%  |
| 41) Toluene-d8                | 7.893   | 98    | 311657   | 48.604   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 97.200%   |
| 43) trans-1,3-Dichloroprop... | 8.172   | 79    | 48889    | 48.030   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 96.060%   |
| 47) 2-Hexanone-d5             | 8.626   | 63    | 88655    | 131.733  | ug/L   | 0.00      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 131.730%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751  | 84    | 150115   | 54.011   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 108.020%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.188  | 152   | 132424   | 46.564   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 93.120%   |
| Target Compounds              |         |       |          |          |        |           |
|                               |         |       |          |          | Qvalue |           |
| 5) Vinyl chloride             | 1.604   | 62    | 11733    | 6.038    | ug/L   | # 82      |
| 17) trans-1,2-Dichloroethene  | 3.346   | 96    | 4188     | 2.701    | ug/L   | 92        |
| 20) cis-1,2-Dichloroethene    | 4.668   | 96    | 10231    | 5.713    | ug/L   | 88        |
| 33) Benzene                   | 5.771   | 78    | 18349    | 2.947    | ug/L   | 100       |
| 42) Toluene                   | 7.967   | 91    | 16119    | 2.284    | ug/L   | 95        |
| 46) Tetrachloroethene         | 8.549   | 164   | 2015     | 1.289    | ug/L   | 90        |
| 51) Chlorobenzene             | 9.443   | 112   | 1921358  | 395.158  | ug/L   | 96        |
| 64) 1,3-Dichlorobenzene       | 11.741  | 146   | 4586175  | 1089.592 | ug/L   | 97        |
| 65) 1,4-Dichlorobenzene       | 11.835  | 146   | 8946860  | 2085.591 | ug/L   | 97        |
| 67) 1,2-Dichlorobenzene       | 12.208  | 146   | 431376   | 102.831  | ug/L   | 98        |
| 70) 1,2,4-trichlorobenzene    | 13.838  | 180   | 26555    | 9.189    | ug/L   | 95        |
| 72) 1,2,3-Trichlorobenzene    | 14.330  | 180   | 5049     | 1.749    | ug/L   | 91        |
| -----                         |         |       |          |          |        |           |

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

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