

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032223\  
 Data File : VU053355.D  
 Acq On : 22 Mar 2023 16:23  
 Operator : JC/MD  
 Sample : 01995-02DL 5X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXEM8DL

Quant Time: Mar 23 02:45:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM031523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 23 02:41:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114   | 106290   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414   | 117   | 98608    | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152   | 47285    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 36654    | 37.380   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 74.760%  |
| 7) Chloroethane-d5            | 1.912   | 69    | 34939    | 44.050   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 88.100%  |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63    | 48750    | 28.699   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 57.400%# |
| 21) 2-Butanone-d5             | 4.623   | 46    | 46494    | 102.230  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 102.230% |
| 24) Chloroform-d              | 5.060   | 84    | 64590    | 39.992   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 79.980%  |
| 26) 1,2-Dichloroethane-d4     | 5.697   | 65    | 44203    | 44.069   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.140%  |
| 32) Benzene-d6                | 5.723   | 84    | 133749   | 41.818   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 83.640%  |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67    | 45790    | 44.359   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 88.720%  |
| 41) Toluene-d8                | 7.893   | 98    | 124349   | 41.759   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 83.520%  |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79    | 20703    | 40.650   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 81.300%  |
| 47) 2-Hexanone-d5             | 8.629   | 63    | 31103    | 96.377   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 96.380%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751  | 84    | 61516    | 46.003   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 92.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.189  | 152   | 41523    | 45.352   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 90.700%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.604   | 62    | 4086     | 3.654    | ug/L # | 72       |
| 20) cis-1,2-Dichloroethene    | 4.662   | 96    | 41165    | 44.251   | ug/L   | 95       |
| 34) Trichloroethene           | 6.536   | 95    | 15936    | 17.878   | ug/L   | 97       |
| 46) Tetrachloroethene         | 8.549   | 164   | 12338    | 21.275   | ug/L   | 96       |
| -----                         |         |       |          |          |        |          |

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

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