

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041024\  
 Data File : VU058582.D  
 Acq On : 11 Apr 2024 02:13  
 Operator : MD/SY  
 Sample : P2014-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E0MD2

Quant Time: Apr 11 03:01:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Apr 11 02:34:51 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 78747    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 76857    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 32587    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 22168    | 4.252    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 85.000%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 20841    | 4.600    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 92.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 10501    | 4.450    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 89.000%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 46874    | 42.663   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 85.320%  |
| 24) Chloroform-d              | 5.052  | 84    | 45450    | 4.367    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 87.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 22535    | 4.640    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 92.800%  |
| 32) Benzene-d6                | 5.718  | 84    | 90018    | 4.350    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 87.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 29226    | 4.504    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 90.000%  |
| 41) Toluene-d8                | 7.891  | 98    | 72957    | 3.976    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 79.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 7880     | 3.912    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 78.200%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 31243    | 37.606   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 75.220%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 17510    | 3.822    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 76.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 22369    | 4.076    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 81.600%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 5) Vinyl chloride             | 1.599  | 62    | 90115    | 11.233   | ug/L  | 100      |
| 12) 1,1-Dichloroethene        | 2.570  | 96    | 1499     | 0.269    | ug/L  | # 1      |
| 18) trans-1,2-Dichloroethene  | 3.345  | 96    | 12032    | 2.057    | ug/L  | 95       |
| 22) cis-1,2-Dichloroethene    | 4.653  | 96    | 593784   | 90.400   | ug/L  | 95       |
| 34) Trichloroethene           | 6.537  | 95    | 4867     | 0.693    | ug/L  | 90       |
| -----                         |        |       |          |          |       |          |

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

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