

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121223\  
 Data File : VU056793.D  
 Acq On : 12 Dec 2023 18:09  
 Operator : MD/SY  
 Sample : 05664-13  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E0Y71

Quant Time: Dec 13 00:34:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 13 00:30:00 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) 1,4-Difluorobenzene     | 6.245  | 114  | 243743   | 5.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.412  | 117  | 240327   | 5.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152  | 103219   | 5.000 | ug/L  | 0.00     |

|                               |        |       |          |          |      |          |
|-------------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds   |        |       |          |          |      |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 88275    | 4.225    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =    | 84.600%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 70818    | 4.530    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =    | 90.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 40376    | 4.517    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =    | 90.400%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 221904   | 53.781   | ug/L | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =    | 107.560% |
| 24) Chloroform-d              | 5.055  | 84    | 190313   | 4.810    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 96.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 94032    | 5.023    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 100.400% |
| 32) Benzene-d6                | 5.721  | 84    | 372092   | 4.992    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 99.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 115921   | 4.968    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =    | 99.400%  |
| 41) Toluene-d8                | 7.894  | 98    | 312554   | 4.691    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 93.800%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 42419    | 4.688    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =    | 93.800%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 171881   | 50.367   | ug/L | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =    | 100.740% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 85192    | 5.047    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =    | 101.000% |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 106462   | 5.247    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =    | 105.000% |

|                              |        |     |        |        |      |     |
|------------------------------|--------|-----|--------|--------|------|-----|
| Target Compounds             |        |     |        | Qvalue |      |     |
| 5) Vinyl chloride            | 1.602  | 62  | 264627 | 10.611 | ug/L | 98  |
| 18) trans-1,2-Dichloroethene | 3.351  | 96  | 3766   | 0.188  | ug/L | 80  |
| 22) cis-1,2-Dichloroethene   | 4.656  | 96  | 672609 | 30.815 | ug/L | 99  |
| 25) Chloroform               | 5.084  | 83  | 33320  | 0.824  | ug/L | 93  |
| 30) Cyclohexane              | 5.380  | 56  | 13332  | 0.409  | ug/L | 98  |
| 33) Benzene                  | 5.769  | 78  | 104239 | 1.234  | ug/L | 100 |
| 34) Trichloroethene          | 6.537  | 95  | 61991  | 2.676  | ug/L | 98  |
| 35) Methylcyclohexane        | 6.759  | 83  | 11011  | 0.322  | ug/L | 92  |
| 40) 4-Methyl-2-pentanone     | 7.788  | 43  | 52909  | 5.157  | ug/L | 98  |
| 42) Toluene                  | 7.965  | 91  | 146756 | 1.679  | ug/L | 99  |
| 51) Chlorobenzene            | 9.444  | 112 | 17903  | 0.321  | ug/L | 96  |
| 52) Ethylbenzene             | 9.569  | 91  | 23412  | 0.243  | ug/L | 96  |
| 53) m,p-Xylene               | 9.692  | 106 | 5703   | 0.159  | ug/L | 97  |
| 63) 1,2,4-Trimethylbenzene   | 11.466 | 105 | 12161  | 0.184  | ug/L | 97  |
| 65) 1,4-Dichlorobenzene      | 11.833 | 146 | 9058   | 0.238  | ug/L | 94  |

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

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