

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072522\  
 Data File : VU049878.D  
 Acq On : 25 Jul 2022 19:44  
 Operator : SY/MD  
 Sample : N3879-03MS  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBUF3MS

Quant Time: Jul 26 05:37:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jul 26 05:33:39 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114            | 85860    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 83367    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152            | 41547    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 29260    | 4.209  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 84.200%  |          |
| 7) Chloroethane-d5            | 1.909  | 69             | 27176    | 4.671  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 93.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.562  | 65             | 12916    | 4.163  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 83.200%  |          |
| 20) 2-Butanone-d5             | 4.639  | 46             | 145256   | 58.078 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 116.160% |          |
| 24) Chloroform-d              | 5.063  | 84             | 79536    | 5.138  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 102.800% |          |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65             | 46154    | 5.084  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 101.600% |          |
| 32) Benzene-d6                | 5.729  | 84             | 138901   | 4.889  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 97.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67             | 49346    | 5.028  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 100.600% |          |
| 41) Toluene-d8                | 7.896  | 98             | 118953   | 4.790  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 95.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 17438    | 4.894  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 97.800%  |          |
| 46) 2-Hexanone-d5             | 8.636  | 63             | 82407    | 58.365 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 116.720% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84             | 45512    | 5.522  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 110.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152            | 43005    | 5.015  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 100.200% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.385  | 85             | 36778    | 4.058  | ug/L     | 98       |
| 3) Chloromethane              | 1.523  | 50             | 48618    | 4.359  | ug/L     | 99       |
| 5) Vinyl chloride             | 1.600  | 62             | 42662    | 4.575  | ug/L     | 98       |
| 6) Bromomethane               | 1.854  | 94             | 21037    | 4.172  | ug/L     | 98       |
| 8) Chloroethane               | 1.932  | 64             | 23674    | 4.406  | ug/L     | 99       |
| 9) Trichlorofluoromethane     | 2.134  | 101            | 48484    | 4.229  | ug/L     | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.575  | 101            | 23171    | 4.133  | ug/L     | 97       |
| 12) 1,1-Dichloroethene        | 2.575  | 96             | 25252    | 4.451  | ug/L     | 98       |
| 13) Acetone                   | 2.649  | 43             | 74450    | 49.490 | ug/L     | 97       |
| 14) Carbon disulfide          | 2.790  | 76             | 79128    | 4.508  | ug/L     | 100      |
| 15) Methyl Acetate            | 2.957  | 43             | 14417    | 3.844  | ug/L     | 98       |
| 16) Methylene chloride        | 3.044  | 84             | 36142    | 2.824  | ug/L     | 95       |
| 17) Methyl tert-butyl Ether   | 3.369  | 73             | 82190    | 4.472  | ug/L     | 98       |
| 18) trans-1,2-Dichloroethene  | 3.353  | 96             | 29516    | 4.501  | ug/L     | 96       |
| 19) 1,1-Dichloroethane        | 3.870  | 63             | 66237    | 4.673  | ug/L     | 98       |
| 21) 2-Butanone                | 4.716  | 43             | 119386   | 46.793 | ug/L     | 96       |
| 22) cis-1,2-Dichloroethene    | 4.668  | 96             | 246089   | 32.399 | ug/L     | 98       |
| 23) Bromochloromethane        | 4.976  | 128            | 16598    | 4.892  | ug/L     | 97       |
| 25) Chloroform                | 5.089  | 83             | 69366    | 4.613  | ug/L     | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072522\  
 Data File : VU049878.D  
 Acq On : 25 Jul 2022 19:44  
 Operator : SY/MD  
 Sample : N3879-03MS  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBUF3MS

Quant Time: Jul 26 05:37:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jul 26 05:33:39 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.796  | 62   | 46578    | 4.510  | ug/L   | 100      |
| 29) 1,1,1-Trichloroethane     | 5.317  | 97   | 54366    | 4.645  | ug/L   | 99       |
| 30) Cyclohexane               | 5.388  | 56   | 41030    | 4.330  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 5.526  | 117  | 43335    | 4.560  | ug/L   | 97       |
| 33) Benzene                   | 5.774  | 78   | 143950   | 4.758  | ug/L   | 100      |
| 34) Trichloroethene           | 6.542  | 95   | 57210    | 7.800  | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.764  | 83   | 34918    | 3.860  | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 6.793  | 63   | 40295    | 4.673  | ug/L   | 100      |
| 38) Bromodichloromethane      | 7.105  | 83   | 50017    | 4.643  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.610  | 75   | 49853    | 4.388  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.793  | 43   | 279420   | 46.463 | ug/L   | 100      |
| 42) Toluene                   | 7.970  | 91   | 139945   | 4.625  | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 8.211  | 75   | 43695    | 4.455  | ug/L   | 97       |
| 45) 1,1,2-Trichloroethane     | 8.401  | 97   | 27992    | 4.549  | ug/L   | 100      |
| 47) Tetrachloroethene         | 8.555  | 164  | 23547    | 4.664  | ug/L   | 98       |
| 48) 2-Hexanone                | 8.687  | 43   | 217093   | 48.367 | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.809  | 129  | 31968    | 4.648  | ug/L   | 94       |
| 50) 1,2-Dibromoethane         | 8.925  | 107  | 25719    | 4.707  | ug/L # | 99       |
| 51) Chlorobenzene             | 9.446  | 112  | 85225    | 4.437  | ug/L   | 99       |
| 52) Ethylbenzene              | 9.571  | 91   | 134789   | 4.333  | ug/L   | 99       |
| 53) m,p-Xylene                | 9.693  | 106  | 49896    | 4.360  | ug/L   | 97       |
| 54) o-Xylene                  | 10.102 | 106  | 50713    | 4.484  | ug/L   | 97       |
| 55) Styrene                   | 10.115 | 104  | 86152    | 4.498  | ug/L   | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 37611    | 4.732  | ug/L   | 98       |
| 59) Bromoform                 | 10.291 | 173  | 17910    | 4.953  | ug/L   | 98       |
| 60) Isopropylbenzene          | 10.484 | 105  | 127794   | 4.650  | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 10.825 | 75   | 27140    | 4.903  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 102710   | 4.422  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 101009   | 4.481  | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 11.748 | 146  | 61320    | 4.512  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.838 | 146  | 59166    | 4.401  | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 12.214 | 146  | 61781    | 4.602  | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 12.999 | 75   | 6109     | 4.933  | ug/L   | 95       |
| 69) 1,3,5-Trichlorobenzene    | 13.221 | 180  | 40789    | 4.065  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.841 | 180  | 33065    | 3.925  | ug/L   | 97       |
| 71) Naphthalene               | 14.089 | 128  | 60492    | 3.683  | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 33039    | 4.081  | ug/L   | 97       |

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

