

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031122\  
 Data File : VU047527.D  
 Acq On : 12 Mar 2022 05:23  
 Operator : SY/MD  
 Sample : N1858-11MSD  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETNH9MSD

Quant Time: Mar 14 01:46:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Mar 12 03:24:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 110033   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 108056   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 58961    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 37419    | 6.270    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 125.400% |
| 7) Chloroethane-d5            | 1.919  | 69    | 19766    | 4.512    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 90.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65    | 11413    | 4.330    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 86.600%  |
| 20) 2-Butanone-d5             | 4.645  | 46    | 66535    | 62.622   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 125.240% |
| 24) Chloroform-d              | 5.067  | 84    | 49268    | 5.182    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 103.600% |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65    | 23901    | 4.965    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.200%  |
| 32) Benzene-d6                | 5.729  | 84    | 94067    | 4.628    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67    | 29295    | 4.872    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.400%  |
| 41) Toluene-d8                | 7.899  | 98    | 91471    | 4.579    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.600%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 11291    | 4.423    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.400%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 56827    | 50.530   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 101.060% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 28359    | 5.412    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 108.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 37890    | 5.069    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 101.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.388  | 85    | 48620    | 5.902    | ug/L   | 100      |
| 3) Chloromethane              | 1.523  | 50    | 47774    | 5.807    | ug/L   | 98       |
| 5) Vinyl chloride             | 1.607  | 62    | 1616173  | 199.724  | ug/L   | 97       |
| 6) Bromomethane               | 1.864  | 94    | 18415    | 3.991    | ug/L   | 99       |
| 8) Chloroethane               | 1.938  | 64    | 31789    | 6.468    | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 2.144  | 101   | 63222    | 5.930    | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101   | 40056    | 6.085    | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.584  | 96    | 40934    | 6.336    | ug/L   | 97       |
| 13) Acetone                   | 2.658  | 43    | 67813    | 69.466   | ug/L   | 100      |
| 14) Carbon disulfide          | 2.800  | 76    | 114997   | 5.799    | ug/L   | 100      |
| 15) Methyl Acetate            | 2.964  | 43    | 13303    | 5.157    | ug/L   | 92       |
| 16) Methylene chloride        | 3.051  | 84    | 44264    | 5.740    | ug/L   | 99       |
| 17) Methyl tert-butyl Ether   | 3.369  | 73    | 100286   | 6.020    | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 3.359  | 96    | 60882    | 8.803    | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.877  | 63    | 75267    | 6.398    | ug/L   | 99       |
| 21) 2-Butanone                | 4.723  | 43    | 122727   | 69.811   | ug/L   | 91       |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96    | 2855562  | 372.591  | ug/L   | 96       |
| 23) Bromochloromethane        | 4.980  | 128   | 23550    | 6.431    | ug/L   | 99       |
| 25) Chloroform                | 5.092  | 83    | 78556    | 6.167    | ug/L   | 100      |

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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Mar 12 03:24:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.796  | 62   | 51886    | 6.327  | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane     | 5.321  | 97   | 67380    | 6.035  | ug/L  | 99       |
| 30) Cyclohexane               | 5.395  | 56   | 60200    | 5.597  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 5.530  | 117  | 59176    | 6.035  | ug/L  | 98       |
| 33) Benzene                   | 5.777  | 78   | 187165   | 6.413  | ug/L  | 100      |
| 34) Trichloroethene           | 6.546  | 95   | 46285    | 5.933  | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.764  | 83   | 63018    | 5.121  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.793  | 63   | 44860    | 6.172  | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.108  | 83   | 58439    | 6.056  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.610  | 75   | 62541    | 5.676  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.793  | 43   | 306804   | 61.925 | ug/L  | 99       |
| 42) Toluene                   | 7.970  | 91   | 189110   | 5.965  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 8.211  | 75   | 55747    | 5.610  | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 8.401  | 97   | 37444    | 6.286  | ug/L  | 95       |
| 47) Tetrachloroethene         | 8.555  | 164  | 37644    | 5.688  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.687  | 43   | 224950   | 62.582 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.812  | 129  | 45230    | 6.251  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.925  | 107  | 36946    | 6.096  | ug/L  | 98       |
| 51) Chlorobenzene             | 9.449  | 112  | 123739   | 5.834  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.571  | 91   | 195270   | 5.687  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.693  | 106  | 76052    | 5.647  | ug/L  | 97       |
| 54) o-Xylene                  | 10.102 | 106  | 74297    | 5.694  | ug/L  | 99       |
| 55) Styrene                   | 10.115 | 104  | 123610   | 5.603  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 50178    | 6.293  | ug/L  | 99       |
| 59) Bromoform                 | 10.291 | 173  | 29224    | 6.583  | ug/L  | 99       |
| 60) Isopropylbenzene          | 10.484 | 105  | 193038   | 5.852  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.825 | 75   | 35372    | 6.477  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 120956   | 5.590  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 160088   | 5.704  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.745 | 146  | 103810   | 5.937  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.838 | 146  | 104650   | 5.894  | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 12.211 | 146  | 102681   | 6.112  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.996 | 75   | 8354     | 6.785  | ug/L  | 95       |
| 69) 1,3,5-Trichlorobenzene    | 13.221 | 180  | 83833    | 5.846  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.841 | 180  | 73598    | 5.758  | ug/L  | 99       |
| 71) Naphthalene               | 14.089 | 128  | 133489   | 5.838  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 70131    | 5.983  | ug/L  | 99       |

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

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