

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111022\  
 Data File : VU051811.D  
 Acq On : 10 Nov 2022 19:32  
 Operator : JC/MD  
 Sample : N5571-06MS  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBMW5MS

Quant Time: Nov 11 00:41:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 11 00:38:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 224607   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 222540   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 114313   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 69574    | 4.113    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 82.200%  |
| 7) Chloroethane-d5            | 1.906  | 69    | 65760    | 3.727    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 74.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 27604    | 4.496    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 90.000%  |
| 20) 2-Butanone-d5             | 4.616  | 46    | 222564   | 36.329   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 72.660%  |
| 24) Chloroform-d              | 5.060  | 84    | 160900   | 4.065    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 81.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 80999    | 3.788    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 75.800%  |
| 32) Benzene-d6                | 5.726  | 84    | 315933   | 4.499    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 105985   | 4.316    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 86.400%  |
| 41) Toluene-d8                | 7.896  | 98    | 292661   | 5.299    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 106.000% |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 35982    | 4.792    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 95.800%  |
| 46) 2-Hexanone-d5             | 8.629  | 63    | 195397   | 43.229   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 86.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84    | 98384    | 4.372    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 87.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 106462   | 5.074    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 101.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.385  | 85    | 88195    | 3.590    | ug/L   | 99       |
| 3) Chloromethane              | 1.526  | 50    | 104559   | 3.377    | ug/L   | 98       |
| 5) Vinyl chloride             | 1.604  | 62    | 110353   | 3.720    | ug/L   | 85       |
| 6) Bromomethane               | 1.848  | 94    | 70548    | 5.016    | ug/L   | 96       |
| 8) Chloroethane               | 1.928  | 64    | 73536    | 4.083    | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 2.134  | 101   | 128902   | 3.959    | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.578  | 101   | 81505    | 4.258    | ug/L   | 97       |
| 12) 1,1-Dichloroethene        | 2.578  | 96    | 77319    | 3.960    | ug/L   | 99       |
| 13) Acetone                   | 2.623  | 43    | 166087   | 53.431   | ug/L   | 98       |
| 14) Carbon disulfide          | 2.790  | 76    | 186523   | 2.963    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.948  | 43    | 39967    | 4.911    | ug/L   | 95       |
| 16) Methylene chloride        | 3.044  | 84    | 105271   | 3.291    | ug/L   | 98       |
| 17) Methyl tert-butyl Ether   | 3.362  | 73    | 211682   | 4.728    | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 3.350  | 96    | 82496    | 3.937    | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.867  | 63    | 176334   | 4.562    | ug/L   | 100      |
| 21) 2-Butanone                | 4.697  | 43    | 264380   | 54.311   | ug/L   | 98       |
| 22) cis-1,2-Dichloroethene    | 4.665  | 96    | 100694   | 4.343    | ug/L   | 99       |
| 23) Bromochloromethane        | 4.973  | 128   | 48943    | 4.514    | ug/L   | 95       |
| 25) Chloroform                | 5.086  | 83    | 188097   | 4.691    | ug/L   | 98       |

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 MSVOA\_U  
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Quant Time: Nov 11 00:41:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 11 00:38:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.793  | 62   | 110570   | 4.481  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 5.314  | 97   | 135265   | 4.477  | ug/L  | 98       |
| 30) Cyclohexane               | 5.385  | 56   | 100558   | 3.614  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.523  | 117  | 113424   | 4.389  | ug/L  | 99       |
| 33) Benzene                   | 5.771  | 78   | 389983   | 4.441  | ug/L  | 100      |
| 34) Trichloroethene           | 6.539  | 95   | 89967    | 4.245  | ug/L  | 100      |
| 35) Methylcyclohexane         | 6.761  | 83   | 107565   | 3.671  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.787  | 63   | 107624   | 4.765  | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.105  | 83   | 134975   | 4.892  | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 7.603  | 75   | 133865   | 4.619  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.787  | 43   | 648371   | 57.228 | ug/L  | 99       |
| 42) Toluene                   | 7.967  | 91   | 418069   | 4.635  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 8.208  | 75   | 120051   | 4.957  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 8.398  | 97   | 85496    | 5.165  | ug/L  | 99       |
| 47) Tetrachloroethene         | 8.552  | 164  | 67797    | 4.177  | ug/L  | 95       |
| 48) 2-Hexanone                | 8.681  | 43   | 481084   | 57.366 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.806  | 129  | 97984    | 5.182  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.922  | 107  | 74434    | 4.984  | ug/L  | 95       |
| 51) Chlorobenzene             | 9.446  | 112  | 267441   | 4.711  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.568  | 91   | 395600   | 4.546  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.693  | 106  | 157301   | 4.654  | ug/L  | 98       |
| 54) o-Xylene                  | 10.098 | 106  | 157945   | 4.781  | ug/L  | 98       |
| 55) Styrene                   | 10.111 | 104  | 274970   | 4.979  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.780 | 83   | 115265   | 5.616  | ug/L  | 99       |
| 59) Bromoform                 | 10.288 | 173  | 56178    | 5.319  | ug/L  | 96       |
| 60) Isopropylbenzene          | 10.481 | 105  | 393845   | 4.719  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.822 | 75   | 77639    | 5.252  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.086 | 105  | 101054   | 4.498  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.465 | 105  | 293666   | 4.533  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.742 | 146  | 203398   | 4.896  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.835 | 146  | 200141   | 4.805  | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 12.208 | 146  | 201352   | 4.976  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.995 | 75   | 16354    | 5.373  | ug/L  | 94       |
| 69) 1,3,5-Trichlorobenzene    | 13.217 | 180  | 137246   | 4.635  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.838 | 180  | 106207   | 4.672  | ug/L  | 98       |
| 71) Naphthalene               | 14.085 | 128  | 198892   | 4.687  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.327 | 180  | 109733   | 4.780  | ug/L  | 100      |

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

