

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU021622\  
 Data File : VU047157.D  
 Acq On : 16 Feb 2022 12:17  
 Operator : SY/MD  
 Sample : VSTD02005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Feb 16 13:46:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR021622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Feb 16 13:39:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114  | 184654   | 5.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117  | 193043   | 5.00   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152  | 118931   | 5.00   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65   | 340499   | 23.41  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.919  | 69   | 265032   | 23.14  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65   | 142461   | 23.23  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 4.642  | 46   | 895334   | 212.22 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.070  | 84   | 572002   | 21.46  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65   | 310847   | 20.40  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.732  | 84   | 1183090  | 21.99  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67   | 374682   | 23.17  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.902  | 98   | 1150689  | 23.56  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79   | 173405   | 23.19  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.639  | 63   | 953925   | 217.25 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84   | 351066   | 21.15  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152  | 466161   | 21.28  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85   | 332395   | 11.76  | ug/L  | 100      |
| 3) Chloromethane              | 1.526  | 50   | 346634   | 14.24  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.610  | 62   | 362941   | 15.15  | ug/L  | 100      |
| 6) Bromomethane               | 1.864  | 94   | 221890   | 15.39  | ug/L  | 100      |
| 8) Chloroethane               | 1.941  | 64   | 211816   | 15.06  | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 2.144  | 101  | 447434   | 14.28  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.587  | 101  | 271280   | 17.01  | ug/L  | 96       |
| 12) 1,1-Dichloroethene        | 2.587  | 96   | 256227   | 15.77  | ug/L  | 88       |
| 13) Acetone                   | 2.661  | 43   | 441258   | 111.56 | ug/L  | 94       |
| 14) Carbon disulfide          | 2.800  | 76   | 855606   | 16.13  | ug/L  | 99       |
| 15) Methyl Acetate            | 2.964  | 43   | 129849   | 16.25  | ug/L  | 99       |
| 16) Methylene chloride        | 3.054  | 84   | 278284   | 14.08  | ug/L  | 97       |
| 17) Methyl tert-butyl Ether   | 3.369  | 73   | 710883   | 15.00  | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 3.359  | 96   | 277112   | 15.99  | ug/L  | 97       |
| 19) 1,1-Dichloroethane        | 3.877  | 63   | 490229   | 15.36  | ug/L  | 100      |
| 21) 2-Butanone                | 4.722  | 43   | 807380   | 134.54 | ug/L  | 98       |
| 22) cis-1,2-Dichloroethene    | 4.674  | 96   | 303077   | 16.00  | ug/L  | 99       |
| 23) Bromochloromethane        | 4.980  | 128  | 142786   | 15.15  | ug/L  | 92       |
| 25) Chloroform                | 5.092  | 83   | 499479   | 14.48  | ug/L  | 98       |
| 27) 1,2-Dichloroethane        | 5.800  | 62   | 344985   | 14.01  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 5.320  | 97   | 437690   | 13.71  | ug/L  | 99       |
| 30) Cyclohexane               | 5.394  | 56   | 477776   | 18.09  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.529  | 117  | 390308   | 14.57  | ug/L  | 100      |
| 33) Benzene                   | 5.780  | 78   | 1145681  | 14.94  | ug/L  | 100      |
| 34) Trichloroethene           | 6.546  | 95   | 308993   | 15.28  | ug/L  | 96       |
| 35) Methylcyclohexane         | 6.767  | 83   | 528555   | 18.54  | ug/L  | 96       |
| 37) 1,2-Dichloropropane       | 6.793  | 63   | 298821   | 15.27  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.108  | 83   | 382858   | 14.14  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 7.610  | 75   | 486250   | 16.42  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.796  | 43   | 2149175  | 146.34 | ug/L  | 99       |
| 42) Toluene                   | 7.973  | 91   | 1296864  | 16.47  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 8.211  | 75   | 437384   | 15.94  | ug/L  | 99       |

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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Feb 16 13:39:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 8.401  | 97   | 229913   | 13.63  | ug/L   | 99       |
| 47) Tetrachloroethene         | 8.555  | 164  | 251177   | 17.56  | ug/L   | 94       |
| 48) 2-Hexanone                | 8.690  | 43   | 1620721  | 147.77 | ug/L   | 100      |
| 49) Dibromochloromethane      | 8.812  | 129  | 293002   | 15.06  | ug/L   | 98       |
| 50) 1,2-Dibromoethane         | 8.925  | 107  | 233965   | 14.37  | ug/L # | 97       |
| 51) Chlorobenzene             | 9.449  | 112  | 832564   | 16.54  | ug/L   | 98       |
| 52) Ethylbenzene              | 9.571  | 91   | 1426920  | 17.51  | ug/L   | 98       |
| 53) m,p-Xylene                | 9.697  | 106  | 565431   | 18.11  | ug/L   | 98       |
| 54) o-Xylene                  | 10.102 | 106  | 551028   | 18.37  | ug/L   | 99       |
| 55) Styrene                   | 10.118 | 104  | 949912   | 18.26  | ug/L   | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 321811   | 14.60  | ug/L   | 95       |
| 59) Bromoform                 | 10.291 | 173  | 186831   | 13.60  | ug/L # | 97       |
| 60) Isopropylbenzene          | 10.487 | 105  | 1454845  | 15.86  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.825 | 75   | 230100   | 11.65  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 979624   | 12.84  | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 1263089  | 16.44  | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.748 | 146  | 702325   | 15.75  | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.838 | 146  | 700752   | 15.35  | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 12.214 | 146  | 667455   | 14.93  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.995 | 75   | 54170    | 11.85  | ug/L   | 84       |
| 69) 1,3,5-Trichlorobenzene    | 13.220 | 180  | 581234   | 17.23  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.841 | 180  | 529383   | 18.52  | ug/L   | 99       |
| 71) Naphthalene               | 14.085 | 128  | 1057596  | 16.66  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 480958   | 17.00  | ug/L   | 98       |

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

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