

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090123\  
 Data File : VU055040.D  
 Acq On : 01 Sep 2023 14:29  
 Operator : MD/SY  
 Sample : VSTD02053  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD020053

Quant Time: Sep 01 23:24:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 01 23:21:24 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114  | 199521   | 5.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117  | 200793   | 5.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152  | 115058   | 5.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65   | 195524   | 28.413  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.904  | 69   | 255675   | 29.336  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65   | 116610   | 29.815  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 4.621  | 46   | 637933   | 193.400 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.058  | 84   | 553629   | 23.342  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65   | 266403   | 21.356  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.724  | 84   | 1082579  | 23.306  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67   | 342317   | 21.601  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.894  | 98   | 1020586  | 23.149  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79   | 104433   | 20.547  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.631  | 63   | 457252   | 192.959 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84   | 247552   | 18.722  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152  | 355306   | 19.656  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.383  | 85   | 250207   | 20.248  | ug/L  | 98       |
| 3) Chloromethane              | 1.515  | 50   | 246156   | 19.175  | ug/L  | 97       |
| 5) Vinyl chloride             | 1.602  | 62   | 265866   | 20.117  | ug/L  | 96       |
| 6) Bromomethane               | 1.853  | 94   | 168005   | 20.389  | ug/L  | 99       |
| 8) Chloroethane               | 1.927  | 64   | 185036   | 21.198  | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 2.132  | 101  | 383799   | 20.279  | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.576  | 101  | 224977   | 21.564  | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.573  | 96   | 197265   | 21.689  | ug/L  | 88       |
| 13) Acetone                   | 2.631  | 43   | 372914   | 200.130 | ug/L  | 98       |
| 14) Carbon disulfide          | 2.788  | 76   | 484724   | 19.769  | ug/L  | 99       |
| 15) Methyl Acetate            | 2.949  | 43   | 83787    | 22.327  | ug/L  | 97       |
| 16) Methylene chloride        | 3.039  | 84   | 230579   | 16.077  | ug/L  | 99       |
| 17) Methyl tert-butyl Ether   | 3.361  | 73   | 546922   | 20.969  | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 3.348  | 96   | 201207   | 20.458  | ug/L  | 93       |
| 19) 1,1-Dichloroethane        | 3.862  | 63   | 433608   | 20.977  | ug/L  | 98       |
| 21) 2-Butanone                | 4.701  | 43   | 602452   | 211.866 | ug/L  | 97       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96   | 247327   | 21.331  | ug/L  | 98       |
| 23) Bromochloromethane        | 4.968  | 128  | 102053   | 20.216  | ug/L  | 95       |
| 25) Chloroform                | 5.084  | 83   | 456270   | 20.177  | ug/L  | 97       |
| 27) 1,2-Dichloroethane        | 5.788  | 62   | 280658   | 20.326  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 5.312  | 97   | 383954   | 19.502  | ug/L  | 99       |
| 30) Cyclohexane               | 5.383  | 56   | 347757   | 20.132  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 5.521  | 117  | 323112   | 19.345  | ug/L  | 97       |
| 33) Benzene                   | 5.769  | 78   | 932525   | 19.862  | ug/L  | 100      |
| 34) Trichloroethene           | 6.541  | 95   | 252150   | 19.517  | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.759  | 83   | 373022   | 19.628  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.785  | 63   | 258376   | 19.726  | ug/L  | 98       |
| 38) Bromodichloromethane      | 7.100  | 83   | 315316   | 19.631  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.602  | 75   | 378091   | 20.362  | ug/L  | 96       |
| 40) 4-Methyl-2-pentanone      | 7.788  | 43   | 1484141  | 203.924 | ug/L  | 99       |
| 42) Toluene                   | 7.965  | 91   | 1023456  | 19.848  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 8.206  | 75   | 313738   | 20.573  | ug/L  | 97       |

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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 01 23:21:24 2023  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 8.396  | 97   | 177313   | 20.358  | ug/L   | 96       |
| 47) Tetrachloroethene         | 8.550  | 164  | 180913   | 19.531  | ug/L   | 97       |
| 48) 2-Hexanone                | 8.682  | 43   | 1116029  | 206.179 | ug/L   | 99       |
| 49) Dibromochloromethane      | 8.807  | 129  | 199817   | 19.684  | ug/L   | 96       |
| 50) 1,2-Dibromoethane         | 8.920  | 107  | 162570   | 19.341  | ug/L   | 93       |
| 51) Chlorobenzene             | 9.444  | 112  | 653378   | 19.382  | ug/L   | 98       |
| 52) Ethylbenzene              | 9.566  | 91   | 1164843  | 20.074  | ug/L   | 100      |
| 53) m,p-Xylene                | 9.692  | 106  | 440406   | 20.278  | ug/L   | 97       |
| 54) o-Xylene                  | 10.097 | 106  | 426721   | 20.388  | ug/L   | 98       |
| 55) Styrene                   | 10.110 | 104  | 729059   | 21.195  | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.778 | 83   | 222066   | 20.248  | ug/L   | 94       |
| 59) Bromoform                 | 10.286 | 173  | 111096   | 20.011  | ug/L   | 95       |
| 60) Isopropylbenzene          | 10.483 | 105  | 1178508  | 19.625  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.820 | 75   | 159899   | 18.895  | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.084 | 105  | 1029138  | 20.094  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.466 | 105  | 1011398  | 21.322  | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.743 | 146  | 538899   | 19.184  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.833 | 146  | 535461   | 19.121  | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 12.209 | 146  | 497701   | 19.537  | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.994 | 75   | 33641    | 20.878  | ug/L # | 88       |
| 69) 1,3,5-Trichlorobenzene    | 13.216 | 180  | 403875   | 21.417  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.836 | 180  | 329484   | 22.125  | ug/L   | 97       |
| 71) Naphthalene               | 14.084 | 128  | 542315   | 23.944  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.325 | 180  | 295395   | 23.672  | ug/L   | 100      |

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

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