

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW032123\  
 Data File : VW030288.D  
 Acq On : 21 Mar 2023 19:48  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005311

Quant Time: Mar 22 06:09:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 22 06:04:48 2023  
 Response via : Initial Calibration

| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|--------|-----------|----------|
| -----                         |        |        |          |          |        |           |          |
| Internal Standards            |        |        |          |          |        |           |          |
| 1) 1,4-Difluorobenzene        |        | 5.542  | 114      | 121091   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          |        | 8.793  | 117      | 115031   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 11.194 | 152      | 66052    | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |        |          |          |        |           |          |
| 4) Vinyl Chloride-d3          |        | 1.282  | 65       | 43643    | 5.570  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 40 - 130 | Recovery | =      | 111.400%  |          |
| 7) Chloroethane-d5            |        | 1.539  | 69       | 39281    | 5.341  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 130 | Recovery | =      | 106.800%  |          |
| 11) 1,1-Dichloroethene-d2     |        | 2.066  | 63       | 92291    | 5.729  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 125 | Recovery | =      | 114.600%  |          |
| 20) 2-Butanone-d5             |        | 3.818  | 46       | 79917    | 55.322 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 40 - 130 | Recovery | =      | 110.640%  |          |
| 24) Chloroform-d              |        | 4.262  | 84       | 88795    | 5.548  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 111.000%  |          |
| 26) 1,2-Dichloroethane-d4     |        | 4.953  | 65       | 44158    | 6.758  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 135.200%# |          |
| 32) Benzene-d6                |        | 4.970  | 84       | 160786   | 5.195  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 103.800%  |          |
| 36) 1,2-Dichloropropane-d6    |        | 5.998  | 67       | 43969    | 4.722  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 140 | Recovery | =      | 94.400%   |          |
| 41) Toluene-d8                |        | 7.252  | 98       | 158453   | 5.401  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 108.000%  |          |
| 43) trans-1,3-Dichloroprop... |        | 7.561  | 79       | 17768    | 5.577  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 55 - 130 | Recovery | =      | 111.600%  |          |
| 46) 2-Hexanone-d5             |        | 8.034  | 63       | 68365    | 51.870 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 45 - 130 | Recovery | =      | 103.740%  |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 10.162 | 84       | 32627    | 4.925  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 120 | Recovery | =      | 98.600%   |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 11.571 | 152      | 58368    | 5.223  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 80 - 120 | Recovery | =      | 104.400%  |          |
| Target Compounds              |        |        |          |          |        |           |          |
|                               |        |        |          |          |        | Qvalue    |          |
| 2) Dichlorodifluoromethane    |        | 1.108  | 85       | 41031    | 4.165  | ug/L      | 100      |
| 3) Chloromethane              |        | 1.217  | 50       | 55137    | 3.551  | ug/L      | 99       |
| 5) Vinyl chloride             |        | 1.285  | 62       | 43738    | 4.239  | ug/L      | 100      |
| 6) Bromomethane               |        | 1.494  | 94       | 11810    | 6.377  | ug/L      | 96       |
| 8) Chloroethane               |        | 1.555  | 64       | 27424    | 4.362  | ug/L      | 99       |
| 9) Trichlorofluoromethane     |        | 1.719  | 101      | 80855    | 5.462  | ug/L      | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... |        | 2.076  | 101      | 42397    | 4.618  | ug/L      | 94       |
| 12) 1,1-Dichloroethene        |        | 2.076  | 96       | 35945    | 4.423  | ug/L #    | 76       |
| 13) Acetone                   |        | 2.147  | 43       | 58113    | 54.428 | ug/L      | 65       |
| 14) Carbon disulfide          |        | 2.246  | 76       | 70585    | 3.246  | ug/L      | 99       |
| 15) Methyl Acetate            |        | 2.391  | 43       | 11441    | 4.588  | ug/L      | 100      |
| 16) Methylene chloride        |        | 2.455  | 84       | 36519    | 3.678  | ug/L      | 96       |
| 17) Methyl tert-butyl Ether   |        | 2.716  | 73       | 79330    | 4.992  | ug/L #    | 95       |
| 18) trans-1,2-Dichloroethene  |        | 2.700  | 96       | 31956    | 4.134  | ug/L      | 94       |
| 19) 1,1-Dichloroethane        |        | 3.121  | 63       | 66081    | 4.589  | ug/L      | 98       |
| 21) 2-Butanone                |        | 3.902  | 43       | 73157    | 50.948 | ug/L      | 95       |
| 22) cis-1,2-Dichloroethene    |        | 3.828  | 96       | 37863    | 4.431  | ug/L      | 98       |
| 23) Bromochloromethane        |        | 4.163  | 128      | 17285    | 4.734  | ug/L      | 94       |
| 25) Chloroform                |        | 4.288  | 83       | 75750    | 5.056  | ug/L      | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW032123\  
 Data File : VW030288.D  
 Acq On : 21 Mar 2023 19:48  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005311

Quant Time: Mar 22 06:09:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 22 06:04:48 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.053  | 62   | 47990    | 6.124  | ug/L # | 91       |
| 29) 1,1,1-Trichloroethane     | 4.526  | 97   | 72667    | 5.378  | ug/L   | 96       |
| 30) Cyclohexane               | 4.597  | 56   | 45510    | 3.898  | ug/L   | 97       |
| 31) Carbon tetrachloride      | 4.745  | 117  | 63826    | 5.255  | ug/L   | 98       |
| 33) Benzene                   | 5.021  | 78   | 141989   | 4.520  | ug/L   | 100      |
| 34) Trichloroethene           | 5.841  | 95   | 37061    | 4.210  | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.060  | 83   | 52169    | 3.916  | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 6.101  | 63   | 35574    | 4.451  | ug/L   | 99       |
| 38) Bromodichloromethane      | 6.442  | 83   | 51846    | 5.081  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 6.963  | 75   | 52184    | 4.460  | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 7.169  | 43   | 192094   | 58.245 | ug/L   | 91       |
| 42) Toluene                   | 7.323  | 91   | 161585   | 4.749  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 7.590  | 75   | 45549    | 4.987  | ug/L   | 100      |
| 45) 1,1,2-Trichloroethane     | 7.777  | 97   | 27246    | 4.764  | ug/L   | 96       |
| 47) Tetrachloroethene         | 7.915  | 164  | 34951    | 4.625  | ug/L   | 96       |
| 48) 2-Hexanone                | 8.085  | 43   | 137536   | 58.252 | ug/L   | 93       |
| 49) Dibromochloromethane      | 8.185  | 129  | 33539    | 5.012  | ug/L   | 99       |
| 50) 1,2-Dibromoethane         | 8.291  | 107  | 23232    | 4.354  | ug/L   | 93       |
| 51) Chlorobenzene             | 8.822  | 112  | 106659   | 4.648  | ug/L   | 99       |
| 52) Ethylbenzene              | 8.953  | 91   | 178515   | 4.821  | ug/L   | 99       |
| 53) m,p-Xylene                | 9.082  | 106  | 69988    | 4.918  | ug/L   | 99       |
| 54) o-Xylene                  | 9.487  | 106  | 66752    | 4.910  | ug/L   | 99       |
| 55) Styrene                   | 9.503  | 104  | 119312   | 5.278  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.188 | 83   | 29838    | 4.664  | ug/L   | 99       |
| 59) Bromoform                 | 9.674  | 173  | 21147    | 5.342  | ug/L   | 98       |
| 60) Isopropylbenzene          | 9.876  | 105  | 187689   | 4.938  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.217 | 75   | 21839    | 4.940  | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 10.484 | 105  | 155552   | 4.983  | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.860 | 105  | 160517   | 5.026  | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.124 | 146  | 94570    | 4.779  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.217 | 146  | 94393    | 4.728  | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 11.590 | 146  | 85712    | 4.905  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.374 | 75   | 5446     | 5.516  | ug/L   | 86       |
| 69) 1,3,5-Trichlorobenzene    | 12.593 | 180  | 75625    | 4.649  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.207 | 180  | 60935    | 4.624  | ug/L   | 96       |
| 71) Naphthalene               | 13.448 | 128  | 82112    | 4.768  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.689 | 180  | 49935    | 4.603  | ug/L   | 97       |

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

