

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042122\  
 Data File : VW025677.D  
 Acq On : 21 Apr 2022 19:18  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005389

Quant Time: Apr 22 03:11:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 22 03:06:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 112298   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 113011   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 58271    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.310  | 65    | 39001    | 3.736    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 74.800%   |
| 7) Chloroethane-d5            | 1.571  | 69    | 43564    | 3.922    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 78.400%   |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63    | 80717    | 3.859    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 77.200%   |
| 20) 2-Butanone-d5             | 3.895  | 46    | 95222    | 74.979   | ug/L   | 0.01      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 149.960%# |
| 24) Chloroform-d              | 4.352  | 84    | 85882    | 5.444    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 108.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 40580    | 5.970    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 119.400%  |
| 32) Benzene-d6                | 5.053  | 84    | 155139   | 4.745    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.800%   |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 49615    | 5.441    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 108.800%  |
| 41) Toluene-d8                | 7.316  | 98    | 137027   | 4.516    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.400%   |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 15643    | 5.104    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 102.000%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 65690    | 61.065   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 122.120%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213 | 84    | 32956    | 5.720    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 114.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 46363    | 4.746    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.000%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 2) Dichlorodifluoromethane    | 1.130  | 85    | 28929    | 2.852    | ug/L   | 99        |
| 3) Chloromethane              | 1.243  | 50    | 54519    | 4.946    | ug/L   | 99        |
| 5) Vinyl chloride             | 1.313  | 62    | 47989    | 3.853    | ug/L   | 100       |
| 6) Bromomethane               | 1.526  | 94    | 33777    | 3.761    | ug/L   | 98        |
| 8) Chloroethane               | 1.587  | 64    | 38406    | 3.994    | ug/L   | 94        |
| 9) Trichlorofluoromethane     | 1.757  | 101   | 59054    | 3.375    | ug/L   | 99        |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.121  | 101   | 30739    | 3.127    | ug/L   | 98        |
| 12) 1,1-Dichloroethene        | 2.121  | 96    | 34000    | 3.491    | ug/L   | 96        |
| 13) Acetone                   | 2.182  | 43    | 60692    | 70.409   | ug/L   | 98        |
| 14) Carbon disulfide          | 2.297  | 76    | 66997    | 2.874    | ug/L   | 99        |
| 15) Methyl Acetate            | 2.442  | 43    | 14250    | 7.438    | ug/L # | 85        |
| 16) Methylene chloride        | 2.510  | 84    | 43480    | 4.604    | ug/L   | 92        |
| 17) Methyl tert-butyl Ether   | 2.770  | 73    | 85928    | 5.701    | ug/L   | 97        |
| 18) trans-1,2-Dichloroethene  | 2.764  | 96    | 29912    | 3.665    | ug/L   | 96        |
| 19) 1,1-Dichloroethane        | 3.194  | 63    | 68865    | 4.981    | ug/L   | 98        |
| 21) 2-Butanone                | 3.976  | 43    | 81933    | 68.788   | ug/L   | 95        |
| 22) cis-1,2-Dichloroethene    | 3.915  | 96    | 38558    | 4.487    | ug/L   | 96        |
| 23) Bromochloromethane        | 4.256  | 128   | 18239    | 5.113    | ug/L   | 91        |
| 25) Chloroform                | 4.378  | 83    | 75117    | 5.148    | ug/L   | 96        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042122\  
 Data File : VW025677.D  
 Acq On : 21 Apr 2022 19:18  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005389

Quant Time: Apr 22 03:11:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 22 03:06:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.133  | 62   | 44255    | 5.748  | ug/L  | 96       |
| 29) 1,1,1-Trichloroethane     | 4.609  | 97   | 50876    | 3.817  | ug/L  | 98       |
| 30) Cyclohexane               | 4.680  | 56   | 32092    | 2.648  | ug/L  | 96       |
| 31) Carbon tetrachloride      | 4.831  | 117  | 38516    | 3.417  | ug/L  | 100      |
| 33) Benzene                   | 5.101  | 78   | 138249   | 4.141  | ug/L  | 100      |
| 34) Trichloroethene           | 5.918  | 95   | 31697    | 3.576  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.133  | 83   | 35472    | 2.508  | ug/L  | 95       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 38787    | 5.022  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.513  | 83   | 48602    | 5.069  | ug/L  | 96       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 43592    | 4.307  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.226  | 43   | 212550   | 68.736 | ug/L  | 95       |
| 42) Toluene                   | 7.387  | 91   | 130244   | 3.587  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 37224    | 4.734  | ug/L  | 96       |
| 45) 1,1,2-Trichloroethane     | 7.837  | 97   | 28091    | 5.432  | ug/L  | 95       |
| 47) Tetrachloroethene         | 7.976  | 164  | 20559    | 2.963  | ug/L  | 94       |
| 48) 2-Hexanone                | 8.140  | 43   | 156986   | 72.847 | ug/L  | 94       |
| 49) Dibromochloromethane      | 8.246  | 129  | 28561    | 5.030  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 23626    | 4.863  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.882  | 112  | 83410    | 3.597  | ug/L  | 98       |
| 52) Ethylbenzene              | 9.014  | 91   | 115424   | 2.980  | ug/L  | 98       |
| 53) m,p-Xylene                | 9.140  | 106  | 44841    | 3.045  | ug/L  | 100      |
| 54) o-Xylene                  | 9.541  | 106  | 44552    | 3.115  | ug/L  | 96       |
| 55) Styrene                   | 9.561  | 104  | 77604    | 3.337  | ug/L  | 95       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 27404    | 5.303  | ug/L  | 98       |
| 59) Bromoform                 | 9.731  | 173  | 12983    | 5.398  | ug/L  | 95       |
| 60) Isopropylbenzene          | 9.931  | 105  | 111889   | 3.102  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 22960    | 5.983  | ug/L  | 96       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 46382    | 2.884  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.914 | 105  | 83340    | 2.876  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 56475    | 3.354  | ug/L  | 96       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 56155    | 3.286  | ug/L  | 94       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 52993    | 3.554  | ug/L  | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 3952     | 5.956  | ug/L  | 91       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 38364    | 2.995  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 29327    | 2.970  | ug/L  | 99       |
| 71) Naphthalene               | 13.503 | 128  | 48383    | 3.340  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 26082    | 3.190  | ug/L  | 98       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042122\  
Data File : VV025677.D  
Acq On : 21 Apr 2022 19:18  
Operator : SY/MD  
Sample : VSTDCCC005EC  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD005389

Quant Time: Apr 22 03:11:46 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Apr 22 03:06:52 2022  
Response via : Initial Calibration

