

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW022323\  
 Data File : VW030086.D  
 Acq On : 23 Feb 2023 10:54  
 Operator : SY/MD  
 Sample : VSTD00524  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005224

Quant Time: Feb 23 21:18:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Feb 23 21:16:51 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.545  | 114  | 197320   | 5.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.792  | 117  | 185609   | 5.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152  | 105921   | 5.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.282  | 65   | 63849    | 5.001  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.536  | 69   | 59874    | 4.996  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.066  | 63   | 133294   | 5.078  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 3.838  | 46   | 118166   | 51.028 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.262  | 84   | 131187   | 5.030  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 4.953  | 65   | 53934    | 5.066  | ug/L  | 0.00     |
| 32) Benzene-d6                | 4.969  | 84   | 253549   | 5.077  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 5.998  | 67   | 76453    | 5.088  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.252  | 98   | 243527   | 5.144  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79   | 25704    | 5.000  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.037  | 63   | 111928   | 53.046 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84   | 54042    | 5.056  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.571 | 152  | 89555    | 4.997  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.108  | 85   | 80349    | 5.005  | ug/L  | 100      |
| 3) Chloromethane              | 1.217  | 50   | 115543   | 4.567  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.285  | 62   | 84843    | 5.046  | ug/L  | 100      |
| 6) Bromomethane               | 1.491  | 94   | 14585    | 4.833  | ug/L  | 100      |
| 8) Chloroethane               | 1.555  | 64   | 51093    | 4.988  | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 1.719  | 101  | 121415   | 5.033  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.072  | 101  | 76927    | 5.142  | ug/L  | 100      |
| 12) 1,1-Dichloroethene        | 2.076  | 96   | 65903    | 4.977  | ug/L  | 100      |
| 13) Acetone                   | 2.163  | 43   | 81859    | 47.384 | ug/L  | 100      |
| 14) Carbon disulfide          | 2.246  | 76   | 179690   | 5.071  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.397  | 43   | 19708    | 4.834  | ug/L  | 100      |
| 16) Methylene chloride        | 2.452  | 84   | 72628    | 4.489  | ug/L  | 100      |
| 17) Methyl tert-butyl Ether   | 2.712  | 73   | 130719   | 5.048  | ug/L  | 100      |
| 18) trans-1,2-Dichloroethene  | 2.699  | 96   | 63614    | 5.050  | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 3.121  | 63   | 117987   | 5.028  | ug/L  | 100      |
| 21) 2-Butanone                | 3.918  | 43   | 115385   | 49.313 | ug/L  | 100      |
| 22) cis-1,2-Dichloroethene    | 3.828  | 96   | 69737    | 5.009  | ug/L  | 100      |
| 23) Bromochloromethane        | 4.159  | 128  | 31188    | 5.242  | ug/L  | 100      |
| 25) Chloroform                | 4.288  | 83   | 123420   | 5.056  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.053  | 62   | 65088    | 5.097  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 4.523  | 97   | 111294   | 5.104  | ug/L  | 100      |
| 30) Cyclohexane               | 4.593  | 56   | 96187    | 5.106  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 4.744  | 117  | 100240   | 5.115  | ug/L  | 100      |
| 33) Benzene                   | 5.021  | 78   | 258740   | 5.104  | ug/L  | 100      |
| 34) Trichloroethene           | 5.841  | 95   | 71924    | 5.064  | ug/L  | 100      |
| 35) Methylcyclohexane         | 6.059  | 83   | 109282   | 5.084  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.101  | 63   | 64853    | 5.029  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.442  | 83   | 84241    | 5.117  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 6.963  | 75   | 94810    | 5.022  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.169  | 43   | 282408   | 53.069 | ug/L  | 100      |
| 42) Toluene                   | 7.323  | 91   | 289099   | 5.266  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.590  | 75   | 76905    | 5.218  | ug/L  | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV022323\  
 Data File : VV030086.D  
 Acq On : 23 Feb 2023 10:54  
 Operator : SY/MD  
 Sample : VSTD00524  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005224

Quant Time: Feb 23 21:18:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Feb 23 21:16:51 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.776  | 97   | 47572    | 5.155  | ug/L  | 100      |
| 47) Tetrachloroethene         | 7.912  | 164  | 62340    | 5.113  | ug/L  | 100      |
| 48) 2-Hexanone                | 8.085  | 43   | 205171   | 54.736 | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.185  | 129  | 55926    | 5.179  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.291  | 107  | 45112    | 5.240  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.821  | 112  | 189184   | 5.109  | ug/L  | 100      |
| 52) Ethylbenzene              | 8.953  | 91   | 309218   | 5.175  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.082  | 106  | 119057   | 5.185  | ug/L  | 100      |
| 54) o-Xylene                  | 9.487  | 106  | 114599   | 5.224  | ug/L  | 100      |
| 55) Styrene                   | 9.503  | 104  | 196247   | 5.380  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.188 | 83   | 53007    | 5.135  | ug/L  | 100      |
| 59) Bromoform                 | 9.673  | 173  | 32151    | 5.064  | ug/L  | 100      |
| 60) Isopropylbenzene          | 9.876  | 105  | 321701   | 5.278  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.220 | 75   | 35990    | 5.077  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.484 | 105  | 259807   | 5.190  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.860 | 105  | 271531   | 5.302  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.127 | 146  | 164326   | 5.178  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.217 | 146  | 160386   | 5.009  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 11.587 | 146  | 144940   | 5.173  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.374 | 75   | 7814     | 4.935  | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 12.593 | 180  | 132447   | 5.077  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.207 | 180  | 107139   | 5.070  | ug/L  | 100      |
| 71) Naphthalene               | 13.448 | 128  | 137940   | 4.995  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.689 | 180  | 89761    | 5.160  | ug/L  | 100      |

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

