

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102621\  
 Data File : VW023051.D  
 Acq On : 26 Oct 2021 20:26  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005325

Quant Time: Oct 27 02:29:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102221WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 27 01:29:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 137935   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 138581   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 73589    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 50671    | 4.204    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 84.000%  |
| 7) Chloroethane-d5            | 1.567  | 69    | 36306    | 4.870    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 97.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 84839    | 4.879    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 97.600%  |
| 20) 2-Butanone-d5             | 3.902  | 46    | 119444   | 61.777   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 123.560% |
| 24) Chloroform-d              | 4.352  | 84    | 93158    | 4.754    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 48797    | 5.283    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 105.600% |
| 32) Benzene-d6                | 5.050  | 84    | 212064   | 5.241    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 104.800% |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 64681    | 5.193    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 103.800% |
| 41) Toluene-d8                | 7.316  | 98    | 202806   | 5.580    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 111.600% |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 22851    | 5.236    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 104.800% |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 88098    | 54.528   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 109.060% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 46100    | 5.360    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 107.200% |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 70660    | 5.382    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 107.600% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 43706    | 4.995    | ug/L   | 98       |
| 3) Chloromethane              | 1.240  | 50    | 48377    | 5.115    | ug/L   | 97       |
| 5) Vinyl chloride             | 1.310  | 62    | 47949    | 4.908    | ug/L   | 99       |
| 6) Bromomethane               | 1.522  | 94    | 24501    | 4.964    | ug/L   | 99       |
| 8) Chloroethane               | 1.584  | 64    | 25504    | 4.993    | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 1.754  | 101   | 62094    | 4.710    | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.117  | 101   | 40646    | 5.407    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.117  | 96    | 37218    | 5.270    | ug/L   | 97       |
| 13) Acetone                   | 2.198  | 43    | 62521    | 65.908   | ug/L   | 90       |
| 14) Carbon disulfide          | 2.294  | 76    | 117664   | 6.118    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.442  | 43    | 15436    | 4.278    | ug/L   | 94       |
| 16) Methylene chloride        | 2.506  | 84    | 54441    | 7.019    | ug/L   | 95       |
| 17) Methyl tert-butyl Ether   | 2.770  | 73    | 89430    | 5.304    | ug/L   | 94       |
| 18) trans-1,2-Dichloroethene  | 2.760  | 96    | 46797    | 6.207    | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.191  | 63    | 86853    | 6.270    | ug/L   | 97       |
| 21) 2-Butanone                | 3.985  | 43    | 94747    | 51.019   | ug/L   | 98       |
| 22) cis-1,2-Dichloroethene    | 3.915  | 96    | 47500    | 5.557    | ug/L   | # 87     |
| 23) Bromochloromethane        | 4.249  | 128   | 21746    | 5.604    | ug/L   | 87       |
| 25) Chloroform                | 4.378  | 83    | 103611   | 5.661    | ug/L   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102621\  
 Data File : VW023051.D  
 Acq On : 26 Oct 2021 20:26  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005325

Quant Time: Oct 27 02:29:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102221WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 27 01:29:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.133  | 62   | 45852    | 4.750  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 4.609  | 97   | 75801    | 4.841  | ug/L  | 99       |
| 30) Cyclohexane               | 4.680  | 56   | 62184    | 4.548  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 4.831  | 117  | 65962    | 4.895  | ug/L  | 98       |
| 33) Benzene                   | 5.101  | 78   | 189012   | 5.068  | ug/L  | 100      |
| 34) Trichloroethene           | 5.918  | 95   | 47231    | 5.041  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.133  | 83   | 67397    | 5.024  | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 47399    | 5.043  | ug/L  | 98       |
| 38) Bromodichloromethane      | 6.513  | 83   | 57181    | 4.932  | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 60214    | 5.145  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 235301   | 53.174 | ug/L  | 100      |
| 42) Toluene                   | 7.390  | 91   | 203877   | 5.395  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 50434    | 5.209  | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 32811    | 4.990  | ug/L  | 97       |
| 47) Tetrachloroethene         | 7.976  | 164  | 39497    | 4.990  | ug/L  | 98       |
| 48) 2-Hexanone                | 8.143  | 43   | 175332   | 53.375 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.249  | 129  | 39132    | 5.001  | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 29302    | 4.949  | ug/L  | 98       |
| 51) Chlorobenzene             | 8.882  | 112  | 128232   | 5.165  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.014  | 91   | 197680   | 5.270  | ug/L  | 99       |
| 53) m,p-xylene                | 9.140  | 106  | 78697    | 5.232  | ug/L  | 94       |
| 54) o-xylene                  | 9.545  | 106  | 76051    | 5.370  | ug/L  | 97       |
| 55) Styrene                   | 9.564  | 104  | 133231   | 5.448  | ug/L  | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 10.242 | 83   | 35806    | 4.871  | ug/L  | 100      |
| 59) Bromoform                 | 9.734  | 173  | 20914    | 4.877  | ug/L  | 99       |
| 60) Isopropylbenzene          | 9.931  | 105  | 199211   | 5.353  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 26069    | 5.033  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.541 | 105  | 154565   | 5.170  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.914 | 105  | 159186   | 5.335  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 103391   | 5.279  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 101616   | 5.108  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 95432    | 5.234  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 4897     | 4.792  | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 12.647 | 180  | 76889    | 5.155  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 56551    | 5.067  | ug/L  | 98       |
| 71) Naphthalene               | 13.503 | 128  | 81348    | 4.794  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 52227    | 5.041  | ug/L  | 100      |

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

