

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW050322\  
 Data File : VW025818.D  
 Acq On : 04 May 2022 01:06  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005283

Quant Time: May 04 05:12:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR050322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed May 04 05:06:02 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 132802   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 137336   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 74871    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 72139    | 4.956    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 99.200%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 69254    | 5.409    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 108.200% |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63    | 136213   | 4.926    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 98.600%  |
| 20) 2-Butanone-d5             | 3.896  | 46    | 119017   | 59.745   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 119.480% |
| 24) Chloroform-d              | 4.349  | 84    | 113298   | 5.196    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 104.000% |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 53092    | 5.502    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 110.000% |
| 32) Benzene-d6                | 5.050  | 84    | 226484   | 5.136    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.800% |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 66093    | 5.095    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 102.000% |
| 41) Toluene-d8                | 7.317  | 98    | 201965   | 5.062    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.200% |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 21601    | 5.260    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 105.200% |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 96402    | 60.240   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 120.480% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 45310    | 5.532    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 110.600% |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 66095    | 5.033    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 100.600% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.130  | 85    | 68831    | 4.402    | ug/L   | 100      |
| 3) Chloromethane              | 1.243  | 50    | 90481    | 4.970    | ug/L   | 99       |
| 5) Vinyl chloride             | 1.310  | 62    | 88115    | 4.849    | ug/L   | 99       |
| 6) Bromomethane               | 1.523  | 94    | 47969    | 4.848    | ug/L   | 99       |
| 8) Chloroethane               | 1.587  | 64    | 60928    | 5.210    | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 1.754  | 101   | 113583   | 4.593    | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.117  | 101   | 58204    | 4.364    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.121  | 96    | 60870    | 4.755    | ug/L   | 86       |
| 13) Acetone                   | 2.182  | 43    | 79011    | 60.263   | ug/L   | 96       |
| 14) Carbon disulfide          | 2.294  | 76    | 156641   | 4.733    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.439  | 43    | 18291    | 5.828    | ug/L   | 90       |
| 16) Methylene chloride        | 2.506  | 84    | 59298    | 4.776    | ug/L   | 93       |
| 17) Methyl tert-butyl Ether   | 2.770  | 73    | 110328   | 5.670    | ug/L   | 95       |
| 18) trans-1,2-Dichloroethene  | 2.764  | 96    | 53063    | 4.706    | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 3.191  | 63    | 102451   | 5.095    | ug/L   | 97       |
| 21) 2-Butanone                | 3.979  | 43    | 110889   | 63.209   | ug/L   | 92       |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96    | 57824    | 5.010    | ug/L   | 90       |
| 23) Bromochloromethane        | 4.249  | 128   | 26481    | 5.611    | ug/L   | 92       |
| 25) Chloroform                | 4.378  | 83    | 108094   | 5.149    | ug/L   | 98       |

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 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005283

Quant Time: May 04 05:12:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR050322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed May 04 05:06:02 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 61696    | 5.421  | ug/L  | 97       |
| 29) 1,1,1-Trichloroethane     | 4.609  | 97   | 87392    | 4.698  | ug/L  | 98       |
| 30) Cyclohexane               | 4.680  | 56   | 73515    | 4.370  | ug/L  | 96       |
| 31) Carbon tetrachloride      | 4.831  | 117  | 72654    | 4.575  | ug/L  | 99       |
| 33) Benzene                   | 5.101  | 78   | 227274   | 4.938  | ug/L  | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 54484    | 4.499  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.130  | 83   | 78068    | 4.184  | ug/L  | 94       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 54313    | 4.857  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.510  | 83   | 68173    | 4.917  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 65321    | 4.768  | ug/L  | 96       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 289900   | 62.398 | ug/L  | 94       |
| 42) Toluene                   | 7.387  | 91   | 230224   | 4.710  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 53645    | 4.910  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 38567    | 5.405  | ug/L  | 98       |
| 47) Tetrachloroethene         | 7.976  | 164  | 40461    | 3.914  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.140  | 43   | 212226   | 64.773 | ug/L  | 94       |
| 49) Dibromochloromethane      | 8.246  | 129  | 38971    | 4.950  | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 35055    | 5.569  | ug/L  | 96       |
| 51) Chlorobenzene             | 8.882  | 112  | 140732   | 4.526  | ug/L  | 97       |
| 52) Ethylbenzene              | 9.011  | 91   | 226234   | 4.467  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.140  | 106  | 87611    | 4.403  | ug/L  | 97       |
| 54) o-Xylene                  | 9.545  | 106  | 84704    | 4.488  | ug/L  | 98       |
| 55) Styrene                   | 9.561  | 104  | 148703   | 4.771  | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 41277    | 5.433  | ug/L  | 99       |
| 59) Bromoform                 | 9.731  | 173  | 17193    | 4.883  | ug/L  | 95       |
| 60) Isopropylbenzene          | 9.931  | 105  | 220163   | 4.369  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 31741    | 5.297  | ug/L  | 94       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 92135    | 4.254  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 170559   | 4.309  | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 104968   | 4.527  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 106104   | 4.482  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 96696    | 4.671  | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 5876     | 5.256  | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 73197    | 4.206  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.258 | 180  | 55365    | 4.261  | ug/L  | 99       |
| 71) Naphthalene               | 13.500 | 128  | 85681    | 4.644  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 49273    | 4.653  | ug/L  | 99       |

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

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