

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW032122\  
 Data File : VW025106.D  
 Acq On : 21 Mar 2022 09:37  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005340

Quant Time: Mar 21 12:12:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Mar 19 00:53:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114   | 169083   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 152224   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 74097    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 59295    | 4.442    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 88.800%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 47172    | 4.826    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63    | 104704   | 4.853    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 97.000%  |
| 20) 2-Butanone-d5             | 3.899  | 46    | 94858    | 58.799   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 117.600% |
| 24) Chloroform-d              | 4.346  | 84    | 106904   | 4.829    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 45228    | 4.886    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.800%  |
| 32) Benzene-d6                | 5.047  | 84    | 218125   | 4.940    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 63180    | 4.976    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 99.600%  |
| 41) Toluene-d8                | 7.313  | 98    | 197516   | 4.908    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.200%  |
| 43) trans-1,3-Dichloroprop... | 7.619  | 79    | 21456    | 4.847    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 97.000%  |
| 46) 2-Hexanone-d5             | 8.085  | 63    | 80982    | 53.634   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 107.260% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 38332    | 5.131    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 102.600% |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 63341    | 5.050    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 101.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.130  | 85    | 80393    | 5.381    | ug/L   | 98       |
| 3) Chloromethane              | 1.243  | 50    | 71882    | 5.102    | ug/L   | 99       |
| 5) Vinyl chloride             | 1.310  | 62    | 79654    | 5.358    | ug/L   | 99       |
| 6) Bromomethane               | 1.523  | 94    | 47380    | 4.932    | ug/L   | 97       |
| 8) Chloroethane               | 1.587  | 64    | 48741    | 5.407    | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 1.754  | 101   | 110618   | 5.471    | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.117  | 101   | 64314    | 5.866    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.121  | 96    | 59798    | 5.552    | ug/L   | 92       |
| 13) Acetone                   | 2.188  | 43    | 68907    | 63.865   | ug/L   | 81       |
| 14) Carbon disulfide          | 2.294  | 76    | 196209   | 5.091    | ug/L   | 100      |
| 15) Methyl Acetate            | 2.442  | 43    | 18249    | 6.174    | ug/L   | 92       |
| 16) Methylene chloride        | 2.507  | 84    | 71103    | 5.448    | ug/L   | 100      |
| 17) Methyl tert-butyl Ether   | 2.767  | 73    | 136459   | 5.816    | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 2.761  | 96    | 71973    | 5.552    | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.188  | 63    | 121916   | 5.526    | ug/L   | 99       |
| 21) 2-Butanone                | 3.979  | 43    | 110597   | 64.946   | ug/L   | 88       |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96    | 74606    | 5.701    | ug/L   | 97       |
| 23) Bromochloromethane        | 4.249  | 128   | 29487    | 5.715    | ug/L   | 92       |
| 25) Chloroform                | 4.371  | 83    | 126764   | 5.519    | ug/L   | 97       |

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 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005340

Quant Time: Mar 21 12:12:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Mar 19 00:53:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.127  | 62   | 63283    | 5.541  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 4.603  | 97   | 113699   | 5.857  | ug/L  | 99       |
| 30) Cyclohexane               | 4.677  | 56   | 106651   | 5.647  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.825  | 117  | 97554    | 5.857  | ug/L  | 100      |
| 33) Benzene                   | 5.095  | 78   | 279428   | 5.644  | ug/L  | 100      |
| 34) Trichloroethene           | 5.908  | 95   | 75559    | 5.731  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.127  | 83   | 123188   | 5.903  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.169  | 63   | 67506    | 5.933  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.506  | 83   | 82676    | 5.746  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 7.024  | 75   | 90198    | 5.709  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 270419   | 57.759 | ug/L  | 98       |
| 42) Toluene                   | 7.384  | 91   | 304487   | 5.876  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.648  | 75   | 70810    | 5.696  | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 7.838  | 97   | 42865    | 5.641  | ug/L  | 98       |
| 47) Tetrachloroethene         | 7.973  | 164  | 54297    | 5.855  | ug/L  | 99       |
| 48) 2-Hexanone                | 8.137  | 43   | 185538   | 55.898 | ug/L  | 96       |
| 49) Dibromochloromethane      | 8.243  | 129  | 48878    | 5.746  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.349  | 107  | 41149    | 5.917  | ug/L  | 99       |
| 51) Chlorobenzene             | 8.876  | 112  | 188139   | 5.798  | ug/L  | 98       |
| 52) Ethylbenzene              | 9.008  | 91   | 329320   | 6.008  | ug/L  | 100      |
| 53) m,p-xylene                | 9.136  | 106  | 128823   | 6.103  | ug/L  | 98       |
| 54) o-xylene                  | 9.542  | 106  | 122975   | 6.092  | ug/L  | 97       |
| 55) Styrene                   | 9.558  | 104  | 201556   | 6.131  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 45942    | 6.166  | ug/L  | 99       |
| 59) Bromoform                 | 9.728  | 173  | 21854    | 5.476  | ug/L  | 99       |
| 60) Isopropylbenzene          | 9.927  | 105  | 328063   | 5.871  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.272 | 75   | 33741    | 5.415  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.535 | 105  | 150964   | 5.954  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.911 | 105  | 274229   | 6.107  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 142611   | 5.883  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 138395   | 5.664  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 123558   | 5.753  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 5932     | 5.553  | ug/L  | 91       |
| 69) 1,3,5-Trichlorobenzene    | 12.641 | 180  | 102796   | 6.004  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.259 | 180  | 79284    | 5.943  | ug/L  | 99       |
| 71) Naphthalene               | 13.500 | 128  | 125229   | 5.653  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 65034    | 5.753  | ug/L  | 98       |

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

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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :  
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