

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042522\  
 Data File : VW025703.D  
 Acq On : 25 Apr 2022 09:27  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005392

Quant Time: Apr 26 06:22:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Apr 23 01:57:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114   | 177196   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117   | 178394   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 96912    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.311  | 65    | 91236    | 5.538    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 110.800% |
| 7) Chloroethane-d5            | 1.571  | 69    | 87225    | 4.977    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 99.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63    | 175509   | 5.318    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 106.400% |
| 20) 2-Butanone-d5             | 3.886  | 46    | 111724   | 55.753   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 111.500% |
| 24) Chloroform-d              | 4.346  | 84    | 142958   | 5.743    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 114.800% |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 62898    | 5.864    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 117.200% |
| 32) Benzene-d6                | 5.047  | 84    | 284828   | 5.518    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 110.400% |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 80458    | 5.589    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 111.800% |
| 41) Toluene-d8                | 7.310  | 98    | 265966   | 5.553    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 111.000% |
| 43) trans-1,3-Dichloroprop... | 7.619  | 79    | 26134    | 5.401    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 108.000% |
| 46) 2-Hexanone-d5             | 8.085  | 63    | 86847    | 51.143   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 102.280% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 44062    | 4.845    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 96.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 80685    | 4.966    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.134  | 85    | 67648    | 4.226    | ug/L   | 99       |
| 3) Chloromethane              | 1.246  | 50    | 86551    | 4.976    | ug/L   | 99       |
| 5) Vinyl chloride             | 1.314  | 62    | 93724    | 4.769    | ug/L   | 99       |
| 6) Bromomethane               | 1.526  | 94    | 58067    | 4.097    | ug/L   | 99       |
| 8) Chloroethane               | 1.587  | 64    | 69902    | 4.608    | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 1.758  | 101   | 134781   | 4.882    | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.121  | 101   | 76913    | 4.959    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.121  | 96    | 72875    | 4.742    | ug/L   | 97       |
| 13) Acetone                   | 2.182  | 43    | 81412    | 59.856   | ug/L   | 95       |
| 14) Carbon disulfide          | 2.298  | 76    | 152801   | 4.153    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.439  | 43    | 18290    | 6.050    | ug/L   | 91       |
| 16) Methylene chloride        | 2.510  | 84    | 64975    | 4.360    | ug/L   | 94       |
| 17) Methyl tert-butyl Ether   | 2.770  | 73    | 119093   | 5.008    | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 2.761  | 96    | 61891    | 4.806    | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.192  | 63    | 122056   | 5.595    | ug/L   | 98       |
| 21) 2-Butanone                | 3.973  | 43    | 110005   | 58.531   | ug/L   | 96       |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96    | 68922    | 5.083    | ug/L   | 91       |
| 23) Bromochloromethane        | 4.246  | 128   | 29094    | 5.168    | ug/L   | 92       |
| 25) Chloroform                | 4.372  | 83    | 131330   | 5.704    | ug/L   | 96       |

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

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005392

Quant Time: Apr 26 06:22:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Apr 23 01:57:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.127  | 62   | 66863    | 5.504  | ug/L  | 97       |
| 29) 1,1,1-Trichloroethane     | 4.606  | 97   | 110809   | 5.267  | ug/L  | 98       |
| 30) Cyclohexane               | 4.677  | 56   | 82394    | 4.307  | ug/L  | 97       |
| 31) Carbon tetrachloride      | 4.825  | 117  | 96018    | 5.396  | ug/L  | 98       |
| 33) Benzene                   | 5.095  | 78   | 272417   | 5.170  | ug/L  | 100      |
| 34) Trichloroethene           | 5.908  | 95   | 70467    | 5.036  | ug/L  | 96       |
| 35) Methylcyclohexane         | 6.127  | 83   | 94732    | 4.243  | ug/L  | 96       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 66169    | 5.428  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.507  | 83   | 87671    | 5.793  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.024  | 75   | 84413    | 5.283  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.224  | 43   | 285519   | 58.492 | ug/L  | 96       |
| 42) Toluene                   | 7.384  | 91   | 292614   | 5.105  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.648  | 75   | 68233    | 5.497  | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 7.834  | 97   | 44050    | 5.396  | ug/L  | 99       |
| 47) Tetrachloroethene         | 7.973  | 164  | 50827    | 4.640  | ug/L  | 98       |
| 48) 2-Hexanone                | 8.137  | 43   | 204605   | 60.146 | ug/L  | 95       |
| 49) Dibromochloromethane      | 8.243  | 129  | 50532    | 5.638  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.349  | 107  | 38241    | 4.987  | ug/L  | 98       |
| 51) Chlorobenzene             | 8.876  | 112  | 181029   | 4.946  | ug/L  | 97       |
| 52) Ethylbenzene              | 9.008  | 91   | 296422   | 4.849  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.137  | 106  | 117322   | 5.047  | ug/L  | 100      |
| 54) o-Xylene                  | 9.542  | 106  | 109668   | 4.857  | ug/L  | 98       |
| 55) Styrene                   | 9.558  | 104  | 196388   | 5.349  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 41006    | 5.027  | ug/L  | 98       |
| 59) Bromoform                 | 9.728  | 173  | 23668    | 5.916  | ug/L  | 96       |
| 60) Isopropylbenzene          | 9.928  | 105  | 298616   | 4.978  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.268 | 75   | 34457    | 5.398  | ug/L  | 96       |
| 62) 1,3,5-Trimethylbenzene    | 10.535 | 105  | 123420   | 4.614  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.911 | 105  | 236029   | 4.897  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 139138   | 4.969  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.268 | 146  | 140308   | 4.936  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 124704   | 5.029  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 6327     | 5.733  | ug/L  | 90       |
| 69) 1,3,5-Trichlorobenzene    | 12.641 | 180  | 99615    | 4.676  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.259 | 180  | 71376    | 4.346  | ug/L  | 100      |
| 71) Naphthalene               | 13.500 | 128  | 100213   | 4.159  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 61295    | 4.507  | ug/L  | 97       |

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

