

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW100721\  
 Data File : VW022685.D  
 Acq On : 08 Oct 2021 00:16  
 Operator : SY/MD  
 Sample : M4098-02MS  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YAT35MS

Quant Time: Oct 08 04:05:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 08 04:01:59 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 119783   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 117472   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 66391    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 35843    | 4.349    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 87.000%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 34459    | 4.653    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 73552    | 4.550    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 91.000%  |
| 20) 2-Butanone-d5             | 3.895  | 46    | 73368    | 33.953   | ug/L   | -0.06    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 67.900%  |
| 24) Chloroform-d              | 4.352  | 84    | 62364    | 3.672    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 73.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 35746    | 4.337    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 86.800%  |
| 32) Benzene-d6                | 5.053  | 84    | 145521   | 4.161    | ug/L   | 0.02     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 44647    | 4.311    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 86.200%  |
| 41) Toluene-d8                | 7.316  | 98    | 138873   | 4.594    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.800%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 15101    | 4.396    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.000%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 72465    | 52.340   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 104.680% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220 | 84    | 35147    | 5.010    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.200% |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 55211    | 4.485    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 89.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 42313    | 4.847    | ug/L   | 97       |
| 3) Chloromethane              | 1.240  | 50    | 44768    | 5.102    | ug/L   | 98       |
| 5) Vinyl chloride             | 1.310  | 62    | 44765    | 4.938    | ug/L   | 98       |
| 6) Bromomethane               | 1.523  | 94    | 29826    | 5.278    | ug/L   | 95       |
| 8) Chloroethane               | 1.584  | 64    | 29050    | 5.179    | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 1.754  | 101   | 67071    | 5.051    | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.117  | 101   | 39635    | 5.131    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.117  | 96    | 37686    | 5.209    | ug/L   | 85       |
| 13) Acetone                   | 2.182  | 43    | 34370    | 28.524   | ug/L # | 36       |
| 14) Carbon disulfide          | 2.294  | 76    | 103821   | 5.106    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.436  | 43    | 12520    | 3.631    | ug/L   | 99       |
| 16) Methylene chloride        | 2.506  | 84    | 41205    | 4.137    | ug/L   | 94       |
| 17) Methyl tert-butyl Ether   | 2.767  | 73    | 79079    | 4.517    | ug/L   | 95       |
| 18) trans-1,2-Dichloroethene  | 2.760  | 96    | 39115    | 4.971    | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 3.191  | 63    | 66604    | 4.700    | ug/L   | 97       |
| 21) 2-Butanone                | 3.982  | 43    | 53985    | 27.363   | ug/L   | 98       |
| 22) cis-1,2-Dichloroethene    | 3.911  | 96    | 39396    | 4.768    | ug/L   | 98       |
| 23) Bromochloromethane        | 4.249  | 128   | 18816    | 5.126    | ug/L   | 93       |
| 25) Chloroform                | 4.375  | 83    | 82907    | 5.047    | ug/L   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW100721\  
 Data File : VW022685.D  
 Acq On : 08 Oct 2021 00:16  
 Operator : SY/MD  
 Sample : M4098-02MS  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YAT35MS

Quant Time: Oct 08 04:05:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 08 04:01:59 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.133  | 62   | 38510    | 4.697  | ug/L  | 96       |
| 29) 1,1,1-Trichloroethane     | 4.609  | 97   | 61102    | 4.555  | ug/L  | 98       |
| 30) Cyclohexane               | 4.680  | 56   | 52462    | 4.238  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 4.831  | 117  | 54264    | 4.660  | ug/L  | 100      |
| 33) Benzene                   | 5.101  | 78   | 152904   | 4.833  | ug/L  | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 40433    | 4.700  | ug/L  | 96       |
| 35) Methylcyclohexane         | 6.133  | 83   | 55114    | 4.572  | ug/L  | 96       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 37222    | 4.892  | ug/L  | 98       |
| 38) Bromodichloromethane      | 6.513  | 83   | 45787    | 4.884  | ug/L  | 93       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 47822    | 4.748  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 216149   | 52.867 | ug/L  | 99       |
| 42) Toluene                   | 7.390  | 91   | 164685   | 5.127  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 41409    | 5.043  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 28460    | 5.040  | ug/L  | 97       |
| 47) Tetrachloroethene         | 7.976  | 164  | 34255    | 4.923  | ug/L  | 95       |
| 48) 2-Hexanone                | 8.143  | 43   | 161904   | 54.159 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.249  | 129  | 33221    | 5.026  | ug/L  | 91       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 26728    | 5.069  | ug/L  | 98       |
| 51) Chlorobenzene             | 8.882  | 112  | 106206   | 5.032  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.014  | 91   | 163222   | 5.005  | ug/L  | 100      |
| 53) m,p-xylene                | 9.140  | 106  | 65160    | 5.092  | ug/L  | 96       |
| 54) o-xylene                  | 9.545  | 106  | 62047    | 5.154  | ug/L  | 97       |
| 55) Styrene                   | 9.564  | 104  | 110394   | 5.322  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.246 | 83   | 31253    | 5.471  | ug/L  | 98       |
| 59) Bromoform                 | 9.734  | 173  | 18373    | 4.940  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.934  | 105  | 165940   | 4.921  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.278 | 75   | 22960    | 4.977  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.541 | 105  | 132572   | 4.866  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.914 | 105  | 136803   | 5.017  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.185 | 146  | 86166    | 4.868  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 86952    | 4.838  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 82941    | 4.996  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 4171     | 4.968  | ug/L  | 88       |
| 69) 1,3,5-Trichlorobenzene    | 12.647 | 180  | 64331    | 4.825  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 49580    | 4.868  | ug/L  | 98       |
| 71) Naphthalene               | 13.506 | 128  | 77414    | 4.782  | ug/L  | 97       |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 47298    | 4.925  | ug/L  | 97       |

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

