

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW032323\  
 Data File : VW030317.D  
 Acq On : 23 Mar 2023 19:51  
 Operator : SY/MD  
 Sample : 02053-08MS  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EYF73MS

Quant Time: Mar 24 02:53:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 24 02:42:05 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.548  | 114   | 122770   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.796  | 117   | 126408   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152   | 80634    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.297  | 65    | 10762    | 1.324    | ug/L   | 0.02      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 26.400%#  |
| 7) Chloroethane-d5            | 1.555  | 69    | 18475    | 2.341    | ug/L   | 0.02      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 46.800%#  |
| 11) 1,1-Dichloroethene-d2     | 2.082  | 63    | 89068    | 4.616    | ug/L   | 0.02      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 92.400%   |
| 20) 2-Butanone-d5             | 3.805  | 46    | 378481   | 180.088  | ug/L   | -0.04     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 360.180%# |
| 24) Chloroform-d              | 4.268  | 84    | 96544    | 4.906    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.200%   |
| 26) 1,2-Dichloroethane-d4     | 4.960  | 65    | 61423    | 6.615    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 132.400%# |
| 32) Benzene-d6                | 4.979  | 84    | 166825   | 4.683    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.600%   |
| 36) 1,2-Dichloropropane-d6    | 6.001  | 67    | 54835    | 4.917    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 98.400%   |
| 41) Toluene-d8                | 7.252  | 98    | 157404   | 4.812    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.200%   |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 25931    | 6.176    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 123.600%  |
| 46) 2-Hexanone-d5             | 8.034  | 63    | 340601   | 201.872  | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 403.740%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84    | 101078   | 11.500   | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 230.000%# |
| 66) 1,2-Dichlorobenzene-d4    | 11.570 | 152   | 76336    | 5.297    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 106.000%  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 2) Dichlorodifluoromethane    | 1.124  | 85    | 19699    | 1.262    | ug/L   | 91        |
| 3) Chloromethane              | 1.233  | 50    | 39713    | 2.017    | ug/L   | 94        |
| 5) Vinyl chloride             | 1.304  | 62    | 22068    | 1.537    | ug/L   | 96        |
| 6) Bromomethane               | 1.510  | 94    | 2682     | 0.655    | ug/L   | 95        |
| 8) Chloroethane               | 1.571  | 64    | 19428    | 2.362    | ug/L   | 100       |
| 9) Trichlorofluoromethane     | 1.735  | 101   | 104595   | 4.997    | ug/L   | 99        |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.088  | 101   | 58324    | 5.049    | ug/L   | 98        |
| 12) 1,1-Dichloroethene        | 2.092  | 96    | 50965    | 4.968    | ug/L   | 88        |
| 13) Acetone                   | 2.137  | 43    | 271604   | 135.145  | ug/L   | 88        |
| 14) Carbon disulfide          | 2.262  | 76    | 159038   | 4.707    | ug/L   | 100       |
| 15) Methyl Acetate            | 2.391  | 43    | 59666    | 16.614   | ug/L   | 91        |
| 16) Methylene chloride        | 2.468  | 84    | 48343    | 3.984    | ug/L   | 95        |
| 17) Methyl tert-butyl Ether   | 2.722  | 73    | 163111   | 7.508    | ug/L   | 99        |
| 18) trans-1,2-Dichloroethene  | 2.715  | 96    | 52985    | 4.903    | ug/L   | 99        |
| 19) 1,1-Dichloroethane        | 3.133  | 63    | 100967   | 4.819    | ug/L   | 97        |
| 21) 2-Butanone                | 3.889  | 43    | 372006   | 147.066  | ug/L   | 91        |
| 22) cis-1,2-Dichloroethene    | 3.834  | 96    | 56313    | 5.192    | ug/L   | 99        |
| 23) Bromochloromethane        | 4.169  | 128   | 23151    | 4.571    | ug/L   | 96        |
| 25) Chloroform                | 4.294  | 83    | 107724   | 5.088    | ug/L   | 94        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW032323\  
 Data File : VW030317.D  
 Acq On : 23 Mar 2023 19:51  
 Operator : SY/MD  
 Sample : 02053-08MS  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EYF73MS

Quant Time: Mar 24 02:53:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 24 02:42:05 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.056  | 62   | 85788    | 6.702   | ug/L  | 97       |
| 29) 1,1,1-Trichloroethane     | 4.532  | 97   | 100523   | 4.948   | ug/L  | 100      |
| 30) Cyclohexane               | 4.603  | 56   | 88336    | 4.773   | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.754  | 117  | 87880    | 4.767   | ug/L  | 99       |
| 33) Benzene                   | 5.027  | 78   | 218534   | 4.867   | ug/L  | 100      |
| 34) Trichloroethene           | 5.847  | 95   | 56155    | 4.638   | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.066  | 83   | 86453    | 4.549   | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.104  | 63   | 58126    | 5.043   | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.445  | 83   | 79663    | 5.278   | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 6.966  | 75   | 85177    | 5.255   | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.165  | 43   | 937900   | 154.418 | ug/L  | 98       |
| 42) Toluene                   | 7.326  | 91   | 241035   | 5.040   | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.590  | 75   | 84375    | 6.118   | ug/L  | 96       |
| 45) 1,1,2-Trichloroethane     | 7.776  | 97   | 56834    | 7.003   | ug/L  | 98       |
| 47) Tetrachloroethene         | 7.915  | 164  | 48311    | 4.521   | ug/L  | 92       |
| 48) 2-Hexanone                | 8.085  | 43   | 851962   | 187.292 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.188  | 129  | 64899    | 6.718   | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 8.291  | 107  | 64404    | 8.722   | ug/L  | 96       |
| 51) Chlorobenzene             | 8.825  | 112  | 149397   | 4.879   | ug/L  | 97       |
| 52) Ethylbenzene              | 8.956  | 91   | 246507   | 4.712   | ug/L  | 97       |
| 53) m,p-Xylene                | 9.082  | 106  | 93870    | 4.687   | ug/L  | 100      |
| 54) o-Xylene                  | 9.487  | 106  | 90570    | 4.726   | ug/L  | 97       |
| 55) Styrene                   | 9.506  | 104  | 163775   | 5.031   | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.188 | 83   | 111383   | 11.562  | ug/L  | 100      |
| 59) Bromoform                 | 9.673  | 173  | 56051    | 8.600   | ug/L  | 99       |
| 60) Isopropylbenzene          | 9.876  | 105  | 251003   | 4.221   | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.220 | 75   | 83988    | 11.650  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.487 | 105  | 207809   | 4.283   | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.860 | 105  | 220730   | 4.464   | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.127 | 146  | 143310   | 4.833   | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.220 | 146  | 146380   | 4.900   | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.590 | 146  | 147389   | 5.516   | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.374 | 75   | 28072    | 15.655  | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 12.593 | 180  | 106157   | 4.650   | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.210 | 180  | 85322    | 4.840   | ug/L  | 99       |
| 71) Naphthalene               | 13.451 | 128  | 254684   | 10.116  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.692 | 180  | 82240    | 5.385   | ug/L  | 98       |

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

Quant Time: Mar 24 02:53:12 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032323WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Mar 24 02:42:05 2023  
Response via : Initial Calibration

