

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121323\  
 Data File : VW033320.D  
 Acq On : 14 Dec 2023 09:05  
 Operator : SY/MD  
 Sample : 05770-10MS  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EOY81MS

Quant Time: Dec 14 11:19:07 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 14 01:07:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 133809   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 136828   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 79014    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 42067    | 4.904    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 98.000%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 31880    | 4.997    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 100.000% |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 16552    | 4.848    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 97.000%  |
| 20) 2-Butanone-d5             | 3.806  | 46    | 56143    | 55.307   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 110.620% |
| 24) Chloroform-d              | 4.249  | 84    | 96566    | 5.397    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 108.000% |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65    | 41554    | 5.345    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 106.800% |
| 32) Benzene-d6                | 4.960  | 84    | 180186   | 5.091    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.800% |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 41127    | 5.105    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 102.000% |
| 41) Toluene-d8                | 7.243  | 98    | 180195   | 5.224    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.400% |
| 43) trans-1,3-Dichloroprop... | 7.555  | 79    | 17909    | 4.873    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 97.400%  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 62176    | 60.597   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 121.200% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 30852    | 5.662    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 113.200% |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 74096    | 5.324    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 106.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.105  | 85    | 85422    | 5.118    | ug/L   | 98       |
| 3) Chloromethane              | 1.214  | 50    | 48404    | 5.072    | ug/L   | 98       |
| 5) Vinyl chloride             | 1.282  | 62    | 45991    | 4.762    | ug/L   | 97       |
| 6) Bromomethane               | 1.487  | 94    | 24123    | 3.810    | ug/L   | 99       |
| 8) Chloroethane               | 1.552  | 64    | 24330    | 4.366    | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 1.716  | 101   | 87974    | 4.964    | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.069  | 101   | 40445    | 4.936    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.072  | 96    | 39075    | 5.101    | ug/L   | 83       |
| 13) Acetone                   | 2.137  | 43    | 34303    | 47.744   | ug/L # | 54       |
| 14) Carbon disulfide          | 2.243  | 76    | 121694   | 4.878    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.384  | 43    | 7854     | 4.125    | ug/L # | 89       |
| 16) Methylene chloride        | 2.449  | 84    | 39575    | 4.485    | ug/L   | 97       |
| 17) Methyl tert-butyl Ether   | 2.706  | 73    | 78281    | 4.962    | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 2.696  | 96    | 45298    | 4.883    | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 3.111  | 63    | 70480    | 4.842    | ug/L   | 98       |
| 21) 2-Butanone                | 3.886  | 43    | 49967    | 47.739   | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 3.815  | 96    | 51772    | 5.403    | ug/L   | 97       |
| 23) Bromochloromethane        | 4.150  | 128   | 21151    | 5.111    | ug/L   | 95       |
| 25) Chloroform                | 4.278  | 83    | 88984    | 5.185    | ug/L   | 97       |

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 Sample : 05770-10MS  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0Y81MS

Quant Time: Dec 14 11:19:07 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 14 01:07:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.047  | 62   | 48702    | 5.170  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 4.510  | 97   | 91486    | 4.822  | ug/L  | 98       |
| 30) Cyclohexane               | 4.584  | 56   | 55146    | 4.555  | ug/L  | 93       |
| 31) Carbon tetrachloride      | 4.735  | 117  | 87024    | 4.910  | ug/L  | 97       |
| 33) Benzene                   | 5.011  | 78   | 178509   | 4.869  | ug/L  | 100      |
| 34) Trichloroethene           | 5.831  | 95   | 56047    | 5.243  | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.050  | 83   | 72692    | 4.591  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.095  | 63   | 33394    | 4.528  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.432  | 83   | 59225    | 5.004  | ug/L  | 95       |
| 39) cis-1,3-Dichloropropene   | 6.957  | 75   | 55755    | 4.656  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.162  | 43   | 135267   | 51.838 | ug/L  | 99       |
| 42) Toluene                   | 7.317  | 91   | 279561   | 6.657  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.584  | 75   | 46779    | 4.686  | ug/L  | 94       |
| 45) 1,1,2-Trichloroethane     | 7.770  | 97   | 28021    | 4.934  | ug/L  | 93       |
| 47) Tetrachloroethene         | 7.905  | 164  | 49132    | 4.854  | ug/L  | 98       |
| 48) 2-Hexanone                | 8.082  | 43   | 101094   | 53.753 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.178  | 129  | 39374    | 4.943  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.284  | 107  | 27144    | 5.147  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.815  | 112  | 146241   | 5.084  | ug/L  | 99       |
| 52) Ethylbenzene              | 8.947  | 91   | 228081   | 4.848  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.072  | 106  | 95379    | 4.926  | ug/L  | 96       |
| 54) o-Xylene                  | 9.477  | 106  | 91991    | 5.016  | ug/L  | 94       |
| 55) Styrene                   | 9.497  | 104  | 157220   | 5.225  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.178 | 83   | 29067    | 5.252  | ug/L  | 98       |
| 59) Bromoform                 | 9.667  | 173  | 23509    | 4.843  | ug/L  | 96       |
| 60) Isopropylbenzene          | 9.866  | 105  | 247099   | 4.720  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.210 | 75   | 19968    | 4.768  | ug/L  | 97       |
| 62) 1,3,5-Trimethylbenzene    | 10.477 | 105  | 203681   | 4.758  | ug/L  | 98       |
| 63) 1,2,4-Trimethylbenzene    | 10.854 | 105  | 210146   | 4.963  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.117 | 146  | 130456   | 4.897  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.210 | 146  | 130224   | 4.913  | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 11.580 | 146  | 116274   | 5.077  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.365 | 75   | 5538     | 5.654  | ug/L  | 93       |
| 69) 1,3,5-Trichlorobenzene    | 12.583 | 180  | 100763   | 4.738  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.197 | 180  | 76330    | 4.659  | ug/L  | 99       |
| 71) Naphthalene               | 13.445 | 128  | 61192    | 3.224  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.680 | 180  | 62248    | 4.734  | ug/L  | 95       |

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

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