

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW021924\  
 Data File : VW034253.D  
 Acq On : 19 Feb 2024 19:10  
 Operator : SY/MD  
 Sample : P1503-04MS  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DCNB1MS

Quant Time: Feb 20 03:31:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 20 01:47:35 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 68533    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 63237    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 33496    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 22649    | 4.267    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 85.400%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 19634    | 4.223    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 84.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 11018    | 4.304    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 86.000%  |
| 20) 2-Butanone-d5             | 3.796  | 46    | 42028    | 47.148   | ug/L   | -0.04    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 94.300%  |
| 24) Chloroform-d              | 4.252  | 84    | 46451    | 4.816    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.400%  |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65    | 22819    | 5.063    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.200% |
| 32) Benzene-d6                | 4.960  | 84    | 82302    | 4.338    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 22027    | 4.153    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 83.000%  |
| 41) Toluene-d8                | 7.243  | 98    | 77681    | 4.455    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.000%  |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 8240     | 4.115    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.200%  |
| 46) 2-Hexanone-d5             | 8.027  | 63    | 34140    | 47.756   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 95.520%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 15791    | 4.911    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 98.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 28462    | 4.672    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.108  | 85    | 24343    | 3.876    | ug/L   | 99       |
| 3) Chloromethane              | 1.217  | 50    | 28591    | 4.173    | ug/L   | 99       |
| 5) Vinyl chloride             | 1.285  | 62    | 29265    | 4.471    | ug/L   | 93       |
| 6) Bromomethane               | 1.487  | 94    | 14378    | 4.171    | ug/L   | 95       |
| 8) Chloroethane               | 1.548  | 64    | 21251    | 4.759    | ug/L   | 95       |
| 9) Trichlorofluoromethane     | 1.712  | 101   | 51123    | 5.419    | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.069  | 101   | 26082    | 5.289    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.069  | 96    | 24673    | 5.153    | ug/L   | 97       |
| 13) Acetone                   | 2.121  | 43    | 35745    | 52.856   | ug/L # | 40       |
| 14) Carbon disulfide          | 2.240  | 76    | 71805    | 4.635    | ug/L   | 100      |
| 15) Methyl Acetate            | 2.384  | 43    | 7231     | 4.518    | ug/L   | 99       |
| 16) Methylene chloride        | 2.449  | 84    | 23134    | 5.036    | ug/L   | 96       |
| 17) Methyl tert-butyl Ether   | 2.706  | 73    | 54147    | 5.504    | ug/L   | 97       |
| 18) trans-1,2-Dichloroethene  | 2.696  | 96    | 24170    | 4.957    | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.114  | 63    | 45569    | 5.086    | ug/L   | 97       |
| 21) 2-Butanone                | 3.876  | 43    | 42359    | 47.398   | ug/L # | 46       |
| 22) cis-1,2-Dichloroethene    | 3.815  | 96    | 26845    | 4.852    | ug/L   | 99       |
| 23) Bromochloromethane        | 4.153  | 128   | 10566    | 5.494    | ug/L   | 84       |
| 25) Chloroform                | 4.278  | 83    | 47260    | 5.218    | ug/L   | 96       |

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Quant Time: Feb 20 03:31:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 20 01:47:35 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.043  | 62   | 28918    | 5.576  | ug/L # | 95       |
| 29) 1,1,1-Trichloroethane     | 4.513  | 97   | 45350    | 5.342  | ug/L   | 99       |
| 30) Cyclohexane               | 4.580  | 56   | 36489    | 4.419  | ug/L   | 93       |
| 31) Carbon tetrachloride      | 4.735  | 117  | 41101    | 5.533  | ug/L   | 99       |
| 33) Benzene                   | 5.011  | 78   | 94973    | 5.007  | ug/L   | 100      |
| 34) Trichloroethene           | 5.834  | 95   | 24888    | 4.534  | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.050  | 83   | 38851    | 4.509  | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 6.095  | 63   | 21753    | 4.735  | ug/L   | 100      |
| 38) Bromodichloromethane      | 6.436  | 83   | 31250    | 5.182  | ug/L # | 99       |
| 39) cis-1,3-Dichloropropene   | 6.957  | 75   | 29846    | 4.269  | ug/L   | 97       |
| 40) 4-Methyl-2-pentanone      | 7.156  | 43   | 111645   | 50.746 | ug/L   | 98       |
| 42) Toluene                   | 7.317  | 91   | 103857   | 5.123  | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 7.583  | 75   | 24600    | 4.583  | ug/L   | 96       |
| 45) 1,1,2-Trichloroethane     | 7.770  | 97   | 14100    | 4.970  | ug/L   | 97       |
| 47) Tetrachloroethene         | 7.905  | 164  | 20827    | 4.669  | ug/L   | 93       |
| 48) 2-Hexanone                | 8.075  | 43   | 77256    | 49.817 | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.178  | 129  | 18418    | 5.463  | ug/L   | 96       |
| 50) 1,2-Dibromoethane         | 8.284  | 107  | 13431    | 5.275  | ug/L # | 99       |
| 51) Chlorobenzene             | 8.815  | 112  | 65758    | 5.131  | ug/L   | 98       |
| 52) Ethylbenzene              | 8.947  | 91   | 118883   | 5.095  | ug/L   | 99       |
| 53) m,p-Xylene                | 9.072  | 106  | 43667    | 4.952  | ug/L   | 97       |
| 54) o-Xylene                  | 9.477  | 106  | 43794    | 5.151  | ug/L   | 99       |
| 55) Styrene                   | 9.497  | 104  | 68825    | 5.055  | ug/L   | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 10.178 | 83   | 16377    | 5.470  | ug/L   | 99       |
| 59) Bromoform                 | 9.667  | 173  | 8514     | 4.614  | ug/L   | 100      |
| 60) Isopropylbenzene          | 9.866  | 105  | 113849   | 4.594  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.210 | 75   | 11603    | 5.039  | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.477 | 105  | 101192   | 4.829  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.850 | 105  | 101316   | 4.976  | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.117 | 146  | 53331    | 4.935  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.210 | 146  | 51505    | 4.813  | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 11.580 | 146  | 47294    | 5.096  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.368 | 75   | 2585     | 5.356  | ug/L   | 93       |
| 69) 1,3,5-Trichlorobenzene    | 12.583 | 180  | 40078    | 4.792  | ug/L   | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.201 | 180  | 31455    | 4.818  | ug/L   | 98       |
| 71) Naphthalene               | 13.442 | 128  | 41938    | 4.902  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.680 | 180  | 27119    | 5.184  | ug/L   | 97       |

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

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