

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW020724\  
 Data File : VW034042.D  
 Acq On : 07 Feb 2024 19:43  
 Operator : SY/MD  
 Sample : P1383-07MSD  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EOYB0MSD

Quant Time: Feb 08 04:53:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Feb 08 04:46:29 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.538  | 114   | 82890    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 77741    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 41406    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 21976    | 3.423    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 68.400%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 21556    | 3.834    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 76.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.059  | 65    | 11387    | 3.678    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 73.600%  |
| 20) 2-Butanone-d5             | 3.793  | 46    | 56402    | 52.313   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 104.620% |
| 24) Chloroform-d              | 4.252  | 84    | 53421    | 4.580    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.600%  |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65    | 25919    | 4.754    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.000%  |
| 32) Benzene-d6                | 4.963  | 84    | 93431    | 4.006    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 80.200%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 27469    | 4.213    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.200%  |
| 41) Toluene-d8                | 7.246  | 98    | 87230    | 4.069    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.400%  |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 10683    | 4.339    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.800%  |
| 46) 2-Hexanone-d5             | 8.024  | 63    | 48769    | 55.492   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 110.980% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152 | 84    | 19825    | 5.016    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.400% |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 32941    | 4.374    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 87.400%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.108  | 85    | 35111    | 4.622    | ug/L   | 100      |
| 3) Chloromethane              | 1.217  | 50    | 37597    | 4.538    | ug/L   | 100      |
| 5) Vinyl chloride             | 1.285  | 62    | 37070    | 4.682    | ug/L   | 92       |
| 6) Bromomethane               | 1.487  | 94    | 19662    | 4.716    | ug/L   | 97       |
| 8) Chloroethane               | 1.548  | 64    | 23534    | 4.357    | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 1.715  | 101   | 59864    | 5.247    | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.069  | 101   | 30267    | 5.075    | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.069  | 96    | 27942    | 4.825    | ug/L   | 97       |
| 13) Acetone                   | 2.117  | 43    | 39974    | 48.871   | ug/L # | 37       |
| 14) Carbon disulfide          | 2.243  | 76    | 81670    | 4.359    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.381  | 43    | 8455     | 4.368    | ug/L   | 95       |
| 16) Methylene chloride        | 2.449  | 84    | 27030    | 4.865    | ug/L   | 97       |
| 17) Methyl tert-butyl Ether   | 2.709  | 73    | 65254    | 5.485    | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 2.696  | 96    | 28061    | 4.758    | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.114  | 63    | 53245    | 4.913    | ug/L   | 96       |
| 21) 2-Butanone                | 3.873  | 43    | 55401    | 51.255   | ug/L # | 60       |
| 22) cis-1,2-Dichloroethene    | 3.818  | 96    | 31117    | 4.650    | ug/L   | 96       |
| 23) Bromochloromethane        | 4.153  | 128   | 12376    | 5.320    | ug/L   | 98       |
| 25) Chloroform                | 4.281  | 83    | 55124    | 5.032    | ug/L   | 94       |

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 MSVOA\_V  
 ClientSampleId :  
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Quant Time: Feb 08 04:53:17 2024  
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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Feb 08 04:46:29 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.046  | 62   | 34029    | 5.425  | ug/L   | 97       |
| 29) 1,1,1-Trichloroethane     | 4.516  | 97   | 53201    | 5.097  | ug/L   | 99       |
| 30) Cyclohexane               | 4.583  | 56   | 46943    | 4.625  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.738  | 117  | 46011    | 5.038  | ug/L   | 100      |
| 33) Benzene                   | 5.011  | 78   | 113198   | 4.855  | ug/L   | 100      |
| 34) Trichloroethene           | 5.837  | 95   | 33859    | 5.017  | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.053  | 83   | 49173    | 4.642  | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 6.095  | 63   | 26988    | 4.778  | ug/L   | 100      |
| 38) Bromodichloromethane      | 6.435  | 83   | 38331    | 5.170  | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 6.956  | 75   | 42847    | 4.986  | ug/L   | 95       |
| 40) 4-Methyl-2-pentanone      | 7.159  | 43   | 147929   | 54.694 | ug/L   | 99       |
| 42) Toluene                   | 7.316  | 91   | 132239   | 5.306  | ug/L   | 96       |
| 44) trans-1,3-Dichloropropene | 7.583  | 75   | 34198    | 5.183  | ug/L   | 100      |
| 45) 1,1,2-Trichloroethane     | 7.773  | 97   | 18438    | 5.287  | ug/L   | 94       |
| 47) Tetrachloroethene         | 7.905  | 164  | 24917    | 4.544  | ug/L   | 96       |
| 48) 2-Hexanone                | 8.075  | 43   | 102156   | 53.583 | ug/L   | 99       |
| 49) Dibromochloromethane      | 8.178  | 129  | 21941    | 5.294  | ug/L   | 100      |
| 50) 1,2-Dibromoethane         | 8.284  | 107  | 16934    | 5.410  | ug/L # | 99       |
| 51) Chlorobenzene             | 8.815  | 112  | 78743    | 4.998  | ug/L   | 96       |
| 52) Ethylbenzene              | 8.947  | 91   | 142198   | 4.957  | ug/L   | 99       |
| 53) m,p-Xylene                | 9.075  | 106  | 53494    | 4.935  | ug/L   | 97       |
| 54) o-Xylene                  | 9.480  | 106  | 51368    | 4.914  | ug/L   | 99       |
| 55) Styrene                   | 9.496  | 104  | 86705    | 5.181  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.181 | 83   | 20620    | 5.602  | ug/L   | 100      |
| 59) Bromoform                 | 9.667  | 173  | 11409    | 5.002  | ug/L   | 100      |
| 60) Isopropylbenzene          | 9.869  | 105  | 143433   | 4.682  | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 10.210 | 75   | 15095    | 5.303  | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.477 | 105  | 121683   | 4.698  | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.853 | 105  | 118621   | 4.713  | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.117 | 146  | 65160    | 4.878  | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 11.210 | 146  | 64527    | 4.878  | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 11.580 | 146  | 58369    | 5.088  | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.365 | 75   | 3681     | 6.170  | ug/L   | 86       |
| 69) 1,3,5-Trichlorobenzene    | 12.583 | 180  | 50262    | 4.862  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.200 | 180  | 41933    | 5.196  | ug/L   | 98       |
| 71) Naphthalene               | 13.442 | 128  | 65962    | 6.238  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.683 | 180  | 35477    | 5.486  | ug/L   | 96       |

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

