

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW022222\  
 Data File : VW024797.D  
 Acq On : 22 Feb 2022 15:09  
 Operator : SY/MD  
 Sample : N1623-06MSD  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GBD28MSD

Quant Time: Feb 23 01:08:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR021722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 22 03:27:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.619     | 114            | 159132   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853     | 117            | 146410   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249    | 152            | 68870    | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.307     | 65             | 71322    | 5.284      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 105.600% |        |          |
| 7) Chloroethane-d5            | 1.568     | 69             | 55456    | 5.008      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 100.200% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.111     | 63             | 119935   | 4.849      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 97.000%  |        |          |
| 20) 2-Butanone-d5             | 3.886     | 46             | 105085   | 54.506     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 109.020% |        |          |
| 24) Chloroform-d              | 4.352     | 84             | 109989   | 5.222      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 104.400% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034     | 65             | 48105    | 5.124      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 102.400% |        |          |
| 32) Benzene-d6                | 5.050     | 84             | 232694   | 5.509      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 110.200% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.069     | 67             | 67508    | 5.431      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 108.600% |        |          |
| 41) Toluene-d8                | 7.316     | 98             | 206851   | 5.390      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 107.800% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.622     | 79             | 22750    | 5.494      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 109.800% |        |          |
| 46) 2-Hexanone-d5             | 8.088     | 63             | 82981    | 50.929     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 101.860% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213    | 84             | 39814    | 5.315      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 106.200% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622    | 152            | 60568    | 5.083      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 101.600% |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.130     | 85             | 80692    | 5.200      | ug/L   | 100      |
| 3) Chloromethane              | 1.243     | 50             | 78923    | 5.092      | ug/L   | 99       |
| 5) Vinyl chloride             | 1.310     | 62             | 85809    | 5.043      | ug/L   | 97       |
| 6) Bromomethane               | 1.523     | 94             | 50938    | 5.012      | ug/L   | 99       |
| 8) Chloroethane               | 1.587     | 64             | 50504    | 4.819      | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 1.754     | 101            | 111281   | 4.981      | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.121     | 101            | 65558    | 5.054      | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.121     | 96             | 61860    | 4.992      | ug/L   | 99       |
| 13) Acetone                   | 2.178     | 43             | 71622    | 52.679     | ug/L   | 94       |
| 14) Carbon disulfide          | 2.297     | 76             | 180673   | 5.195      | ug/L   | 100      |
| 15) Methyl Acetate            | 2.439     | 43             | 20078    | 5.641      | ug/L   | 96       |
| 16) Methylene chloride        | 2.510     | 84             | 63799    | 5.228      | ug/L   | 98       |
| 17) Methyl tert-butyl Ether   | 2.770     | 73             | 130691   | 5.365      | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 2.764     | 96             | 65233    | 5.390      | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.191     | 63             | 118784   | 5.359      | ug/L   | 96       |
| 21) 2-Butanone                | 3.969     | 43             | 119466   | 56.861     | ug/L   | 100      |
| 22) cis-1,2-Dichloroethene    | 3.911     | 96             | 76792    | 6.002      | ug/L   | 97       |
| 23) Bromochloromethane        | 4.249     | 128            | 27404    | 5.542      | ug/L   | 91       |
| 25) Chloroform                | 4.378     | 83             | 122659   | 5.298      | ug/L   | 99       |

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 ALS Vial : 9 Sample Multiplier: 1

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 MSVOA\_V  
 ClientSampleId :  
 GBD28MSD

Quant Time: Feb 23 01:08:01 2022  
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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 22 03:27:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 63818    | 5.165  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 4.606  | 97   | 106909   | 5.441  | ug/L  | 98       |
| 30) Cyclohexane               | 4.680  | 56   | 105037   | 5.270  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 4.828  | 117  | 89109    | 5.394  | ug/L  | 100      |
| 33) Benzene                   | 5.098  | 78   | 271489   | 5.477  | ug/L  | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 85579    | 6.517  | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.130  | 83   | 113923   | 5.370  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 66021    | 5.637  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.509  | 83   | 79626    | 5.401  | ug/L  | 96       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 89415    | 5.505  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 305338   | 54.808 | ug/L  | 98       |
| 42) Toluene                   | 7.387  | 91   | 288341   | 5.464  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 69261    | 5.336  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 7.837  | 97   | 42623    | 5.594  | ug/L  | 99       |
| 47) Tetrachloroethene         | 7.976  | 164  | 48113    | 5.381  | ug/L  | 99       |
| 48) 2-Hexanone                | 8.136  | 43   | 213406   | 54.482 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.246  | 129  | 45676    | 5.402  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 38747    | 5.573  | ug/L  | 97       |
| 51) Chlorobenzene             | 8.879  | 112  | 178453   | 5.405  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.011  | 91   | 313955   | 5.451  | ug/L  | 100      |
| 53) m,p-xylene                | 9.136  | 106  | 120300   | 5.525  | ug/L  | 98       |
| 54) o-xylene                  | 9.541  | 106  | 115815   | 5.443  | ug/L  | 97       |
| 55) Styrene                   | 9.561  | 104  | 186519   | 5.389  | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 43334    | 5.378  | ug/L  | 95       |
| 59) Bromoform                 | 9.731  | 173  | 18438    | 5.289  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.931  | 105  | 315973   | 5.546  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 33494    | 5.366  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 259664   | 5.468  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.911 | 105  | 258447   | 5.483  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 132455   | 5.513  | ug/L  | 96       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 130345   | 5.432  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 116697   | 5.506  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 6067     | 5.685  | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 93598    | 5.494  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.258 | 180  | 74301    | 5.536  | ug/L  | 99       |
| 71) Naphthalene               | 13.500 | 128  | 125808   | 5.512  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 61948    | 5.515  | ug/L  | 99       |

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

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