

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW071922\  
 Data File : VW026839.D  
 Acq On : 19 Jul 2022 20:46  
 Operator : SY/MD  
 Sample : N3754-03MSD  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GBHP4MSD

Quant Time: Jul 20 05:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR071122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jul 20 05:46:20 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 253565   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 255012   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 133204   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65    | 70804    | 3.061    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 61.200%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 68899    | 3.447    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 69.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 143847   | 3.239    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.800%  |
| 20) 2-Butanone-d5             | 3.886  | 46    | 213054   | 59.012   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 118.020% |
| 24) Chloroform-d              | 4.346  | 84    | 180635   | 4.466    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 80294    | 4.544    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.800%  |
| 32) Benzene-d6                | 5.047  | 84    | 300830   | 3.882    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 77.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 102691   | 4.420    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 88.400%  |
| 41) Toluene-d8                | 7.313  | 98    | 255068   | 3.708    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 74.200%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 30962    | 4.073    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 81.400%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 174858   | 53.131   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 106.260% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 89327    | 4.935    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 98.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 101097   | 4.356    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 87.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 138725   | 4.303    | ug/L   | 100      |
| 3) Chloromethane              | 1.240  | 50    | 131467   | 4.250    | ug/L   | 100      |
| 5) Vinyl chloride             | 1.307  | 62    | 139123   | 4.417    | ug/L   | 99       |
| 6) Bromomethane               | 1.516  | 94    | 78642    | 4.171    | ug/L   | 94       |
| 8) Chloroethane               | 1.581  | 64    | 84769    | 4.568    | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 1.748  | 101   | 183872   | 4.594    | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101   | 102842   | 4.485    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.114  | 96    | 100000   | 4.498    | ug/L   | 89       |
| 13) Acetone                   | 2.175  | 43    | 135026   | 44.451   | ug/L # | 29       |
| 14) Carbon disulfide          | 2.288  | 76    | 288310   | 4.401    | ug/L   | 98       |
| 15) Methyl Acetate            | 2.436  | 43    | 30241    | 4.922    | ug/L   | 95       |
| 16) Methylene chloride        | 2.503  | 84    | 111988   | 4.229    | ug/L   | 98       |
| 17) Methyl tert-butyl Ether   | 2.767  | 73    | 192735   | 5.032    | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 2.757  | 96    | 101096   | 4.947    | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 3.185  | 63    | 192874   | 5.169    | ug/L   | 99       |
| 21) 2-Butanone                | 3.966  | 43    | 195743   | 55.254   | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96    | 107336   | 5.208    | ug/L   | 99       |
| 23) Bromochloromethane        | 4.246  | 128   | 50642    | 5.334    | ug/L   | 97       |
| 25) Chloroform                | 4.371  | 83    | 202162   | 5.173    | ug/L   | 99       |

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 ALS Vial : 22 Sample Multiplier: 1

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 MSVOA\_V  
 ClientSampleId :  
 GBHP4MSD

Quant Time: Jul 20 05:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR071122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jul 20 05:46:20 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 107614   | 5.110  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 4.603  | 97   | 171467   | 4.990  | ug/L  | 99       |
| 30) Cyclohexane               | 4.674  | 56   | 124503   | 4.252  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 4.825  | 117  | 144283   | 4.754  | ug/L  | 96       |
| 33) Benzene                   | 5.095  | 78   | 431386   | 5.060  | ug/L  | 100      |
| 34) Trichloroethene           | 5.912  | 95   | 105512   | 5.035  | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.130  | 83   | 134763   | 4.214  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 108761   | 5.335  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.506  | 83   | 133253   | 5.014  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 121478   | 4.795  | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 489283   | 51.958 | ug/L  | 99       |
| 42) Toluene                   | 7.387  | 91   | 452649   | 5.257  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 103489   | 4.975  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 7.838  | 97   | 75551    | 5.070  | ug/L  | 98       |
| 47) Tetrachloroethene         | 7.976  | 164  | 82205    | 5.002  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.137  | 43   | 360121   | 52.838 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.243  | 129  | 85435    | 4.974  | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 68936    | 5.228  | ug/L  | 99       |
| 51) Chlorobenzene             | 8.879  | 112  | 278583   | 5.117  | ug/L  | 97       |
| 52) Ethylbenzene              | 9.011  | 91   | 414870   | 4.869  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.137  | 106  | 168169   | 5.075  | ug/L  | 96       |
| 54) o-Xylene                  | 9.542  | 106  | 156721   | 4.977  | ug/L  | 95       |
| 55) Styrene                   | 9.561  | 104  | 274582   | 4.976  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 90252    | 5.116  | ug/L  | 99       |
| 59) Bromoform                 | 9.728  | 173  | 41671    | 4.876  | ug/L  | 96       |
| 60) Isopropylbenzene          | 9.931  | 105  | 408320   | 4.915  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.272 | 75   | 61857    | 5.035  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 311053   | 4.706  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 319629   | 4.762  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 211575   | 5.198  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.272 | 146  | 210808   | 5.093  | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 193978   | 5.103  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 12083    | 4.640  | ug/L  | 85       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 140177   | 4.872  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.259 | 180  | 103939   | 4.750  | ug/L  | 98       |
| 71) Naphthalene               | 13.500 | 128  | 158748   | 4.379  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 97081    | 4.768  | ug/L  | 98       |

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

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