

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW081922\  
 Data File : VW027452.D  
 Acq On : 19 Aug 2022 20:01  
 Operator : SY/MD  
 Sample : N4253-07MSD  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EX9E1MSD

Quant Time: Aug 20 06:08:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Aug 20 05:55:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 147004   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 144831   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 76773    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 48637    | 4.649    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 93.000%   |
| 7) Chloroethane-d5            | 1.564  | 69    | 41768    | 5.455    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 109.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 107840   | 4.420    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 88.400%   |
| 20) 2-Butanone-d5             | 3.892  | 46    | 89047    | 68.391   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 136.780%# |
| 24) Chloroform-d              | 4.346  | 84    | 94989    | 4.541    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.800%   |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 41900    | 4.630    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.600%   |
| 32) Benzene-d6                | 5.047  | 84    | 188486   | 4.699    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.000%   |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 53672    | 4.602    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.000%   |
| 41) Toluene-d8                | 7.313  | 98    | 175455   | 4.844    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.800%   |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 18420    | 4.613    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 92.200%   |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 64093    | 48.757   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 97.520%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 35730    | 4.811    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 96.200%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 53209    | 4.675    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.600%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 76400    | 4.898    | ug/L   | 98        |
| 3) Chloromethane              | 1.240  | 50    | 73492    | 5.395    | ug/L   | 99        |
| 5) Vinyl chloride             | 1.310  | 62    | 69993    | 5.104    | ug/L   | 98        |
| 6) Bromomethane               | 1.519  | 94    | 40204    | 5.929    | ug/L   | 97        |
| 8) Chloroethane               | 1.584  | 64    | 56978    | 7.110    | ug/L   | 96        |
| 9) Trichlorofluoromethane     | 1.751  | 101   | 108216   | 4.967    | ug/L   | 99        |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114  | 101   | 62185    | 5.057    | ug/L   | 100       |
| 12) 1,1-Dichloroethene        | 2.118  | 96    | 54101    | 4.864    | ug/L   | 98        |
| 13) Acetone                   | 2.179  | 43    | 96430    | 77.551   | ug/L   | 98        |
| 14) Carbon disulfide          | 2.291  | 76    | 152440   | 4.994    | ug/L   | 100       |
| 15) Methyl Acetate            | 2.436  | 43    | 20804    | 6.041    | ug/L   | 92        |
| 16) Methylene chloride        | 2.503  | 84    | 62461    | 3.725    | ug/L   | 98        |
| 17) Methyl tert-butyl Ether   | 2.767  | 73    | 118357   | 5.143    | ug/L   | 97        |
| 18) trans-1,2-Dichloroethene  | 2.757  | 96    | 57908    | 5.054    | ug/L   | 99        |
| 19) 1,1-Dichloroethane        | 3.185  | 63    | 121632   | 5.127    | ug/L   | 98        |
| 21) 2-Butanone                | 3.973  | 43    | 124765   | 75.396   | ug/L   | 99        |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96    | 62507    | 5.119    | ug/L   | 95        |
| 23) Bromochloromethane        | 4.246  | 128   | 26445    | 4.911    | ug/L   | 93        |
| 25) Chloroform                | 4.371  | 83    | 127948   | 4.960    | ug/L   | 95        |

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 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EX9E1MSD

Quant Time: Aug 20 06:08:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Aug 20 05:55:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 71978    | 5.492  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 4.606  | 97   | 107913   | 4.854  | ug/L  | 99       |
| 30) Cyclohexane               | 4.674  | 56   | 85010    | 4.982  | ug/L  | 95       |
| 31) Carbon tetrachloride      | 4.825  | 117  | 97854    | 5.062  | ug/L  | 99       |
| 33) Benzene                   | 5.098  | 78   | 259770   | 5.394  | ug/L  | 100      |
| 34) Trichloroethene           | 5.912  | 95   | 63184    | 4.986  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.127  | 83   | 90517    | 5.079  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 67531    | 5.260  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.506  | 83   | 84146    | 5.170  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 80254    | 5.184  | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 332163   | 57.909 | ug/L  | 99       |
| 42) Toluene                   | 7.384  | 91   | 277743   | 5.588  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 67656    | 5.170  | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 7.838  | 97   | 43253    | 5.270  | ug/L  | 99       |
| 47) Tetrachloroethene         | 7.973  | 164  | 50275    | 5.093  | ug/L  | 96       |
| 48) 2-Hexanone                | 8.140  | 43   | 235473   | 56.971 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.246  | 129  | 52366    | 5.188  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 39020    | 5.447  | ug/L  | 99       |
| 51) Chlorobenzene             | 8.879  | 112  | 170335   | 5.295  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.011  | 91   | 266401   | 5.251  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.136  | 106  | 103119   | 5.311  | ug/L  | 99       |
| 54) o-Xylene                  | 9.542  | 106  | 98852    | 5.249  | ug/L  | 98       |
| 55) Styrene                   | 9.558  | 104  | 174413   | 5.444  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 50189    | 5.429  | ug/L  | 96       |
| 59) Bromoform                 | 9.731  | 173  | 25085    | 4.875  | ug/L  | 99       |
| 60) Isopropylbenzene          | 9.931  | 105  | 273473   | 5.414  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.272 | 75   | 36101    | 5.360  | ug/L  | 97       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 70729    | 5.049  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 203185   | 5.149  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 133115   | 5.348  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 132475   | 5.339  | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 120716   | 5.350  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 7407     | 4.950  | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 96412    | 5.190  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.259 | 180  | 70136    | 5.195  | ug/L  | 99       |
| 71) Naphthalene               | 13.500 | 128  | 99559    | 5.342  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 64334    | 5.365  | ug/L  | 98       |

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

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