

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040522\  
 Data File : VW022400.D  
 Acq On : 05 Apr 2022 17:27  
 Operator : SY/VA  
 Sample : N2262-03MSD  
 Misc : 6.45g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW6K7MSD

Quant Time: Apr 06 02:14:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 06 02:13:06 2022  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                         |           |       |          |          |             |          |
| Internal Standards            |           |       |          |          |             |          |
| 1) 1,4-Difluorobenzene        | 8.842     | 114   | 174026   | 25.000   | ug/L        | 0.00     |
| 28) Chlorobenzene-d5          | 11.628    | 117   | 178060   | 25.000   | ug/L        | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554    | 152   | 98406    | 25.000   | ug/L        | 0.00     |
| System Monitoring Compounds   |           |       |          |          |             |          |
| 4) Vinyl Chloride-d3          | 2.355     | 65    | 85801    | 30.083   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 150 | Recovery | = 120.320%  |          |
| 7) Chloroethane-d5            | 2.885     | 69    | 65089    | 38.227   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 150 | Recovery | = 152.920%# |          |
| 11) 1,1-Dichloroethene-d2     | 4.025     | 63    | 87267    | 20.622   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 45 - 110 | Recovery | = 82.480%   |          |
| 21) 2-Butanone-d5             | 7.074     | 46    | 42123    | 60.442   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 20 - 135 | Recovery | = 120.880%  |          |
| 24) Chloroform-d              | 7.647     | 84    | 116425   | 23.994   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 40 - 150 | Recovery | = 95.960%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.305     | 65    | 78065    | 27.208   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 70 - 130 | Recovery | = 108.840%  |          |
| 32) Benzene-d6                | 8.275     | 84    | 230956   | 23.620   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 20 - 135 | Recovery | = 94.480%   |          |
| 36) 1,2-Dichloropropane-d6    | 9.275     | 67    | 69435    | 23.653   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 70 - 120 | Recovery | = 94.600%   |          |
| 41) Toluene-d8                | 10.323    | 98    | 240397   | 25.842   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 130 | Recovery | = 103.360%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579    | 79    | 38165    | 25.854   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 135 | Recovery | = 103.400%  |          |
| 47) 2-Hexanone-d5             | 10.921    | 63    | 39295    | 65.347   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 20 - 135 | Recovery | = 130.700%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689    | 84    | 83634    | 33.772   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 45 - 120 | Recovery | = 135.080%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853    | 152   | 84342    | 26.550   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 75 - 120 | Recovery | = 106.200%  |          |
| Target Compounds              |           |       |          |          |             |          |
|                               |           |       |          |          | Qvalue      |          |
| 2) Dichlorodifluoromethane    | 2.008     | 85    | 15523    | 16.949   | ug/L        | 93       |
| 3) Chloromethane              | 2.221     | 50    | 37790    | 17.861   | ug/L        | 99       |
| 5) Vinyl chloride             | 2.361     | 62    | 89142    | 25.789   | ug/L        | 93       |
| 6) Bromomethane               | 2.782     | 94    | 61460    | 34.527   | ug/L        | 100      |
| 8) Chloroethane               | 2.922     | 64    | 47457    | 33.013   | ug/L        | 99       |
| 9) Trichlorofluoromethane     | 3.257     | 101   | 21959    | 21.455   | ug/L        | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068     | 101   | 43577    | 18.629   | ug/L        | 95       |
| 12) 1,1-Dichloroethene        | 4.044     | 96    | 44627    | 20.355   | ug/L        | 83       |
| 13) Acetone                   | 4.123     | 43    | 28947    | 60.657   | ug/L        | 92       |
| 14) Carbon disulfide          | 4.385     | 76    | 134133   | 19.392   | ug/L        | 99       |
| 15) Methyl Acetate            | 4.672     | 43    | 26530    | 21.311   | ug/L        | 95       |
| 16) Methylene chloride        | 4.922     | 84    | 52478    | 20.138   | ug/L        | 88       |
| 17) trans-1,2-Dichloroethene  | 5.428     | 96    | 53586    | 20.635   | ug/L        | 99       |
| 18) Methyl tert-butyl Ether   | 5.428     | 73    | 96055    | 21.222   | ug/L        | 95       |
| 19) 1,1-Dichloroethane        | 6.214     | 63    | 90054    | 18.885   | ug/L        | 99       |
| 20) cis-1,2-Dichloroethene    | 7.171     | 96    | 55836    | 20.190   | ug/L        | 84       |
| 22) 2-Butanone                | 7.171     | 43    | 39912    | 53.022   | ug/L        | 90       |
| 23) Bromochloromethane        | 7.513     | 128   | 26768    | 22.065   | ug/L #      | 85       |
| 25) Chloroform                | 7.677     | 83    | 98092    | 20.152   | ug/L        | 97       |

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 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 06 02:13:06 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 8.397  | 62   | 79584    | 21.775 | ug/L   | 95       |
| 29) Cyclohexane               | 7.958  | 56   | 83402    | 17.205 | ug/L   | 93       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 84310    | 19.206 | ug/L   | 94       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 74142    | 18.751 | ug/L   | 98       |
| 33) Benzene                   | 8.323  | 78   | 230889   | 20.200 | ug/L   | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 59157    | 19.925 | ug/L   | 92       |
| 35) Methylcyclohexane         | 9.335  | 83   | 90273    | 17.272 | ug/L   | 93       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 57282    | 20.223 | ug/L   | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 79844    | 20.212 | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 94136    | 20.326 | ug/L   | 94       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 97585    | 48.994 | ug/L # | 94       |
| 42) Toluene                   | 10.384 | 91   | 273340   | 21.501 | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 92796    | 21.634 | ug/L   | 95       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 50597    | 23.885 | ug/L   | 92       |
| 46) Tetrachloroethene         | 10.860 | 164  | 48482    | 22.772 | ug/L   | 88       |
| 48) 2-Hexanone                | 10.969 | 43   | 78365    | 55.732 | ug/L # | 96       |
| 49) Dibromochloromethane      | 11.128 | 129  | 61908    | 23.606 | ug/L   | 93       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 52481    | 24.394 | ug/L   | 96       |
| 51) Chlorobenzene             | 11.652 | 112  | 172343   | 21.926 | ug/L   | 93       |
| 52) Ethylbenzene              | 11.731 | 91   | 303008   | 21.489 | ug/L   | 98       |
| 53) m,p-Xylene                | 11.835 | 106  | 117430   | 21.819 | ug/L   | 97       |
| 54) o-Xylene                  | 12.164 | 106  | 115284   | 22.113 | ug/L   | 86       |
| 55) Styrene                   | 12.176 | 104  | 200766   | 22.171 | ug/L   | 83       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 71655    | 26.414 | ug/L   | 97       |
| 59) Bromoform                 | 12.347 | 173  | 36518    | 24.906 | ug/L # | 96       |
| 60) Isopropylbenzene          | 12.463 | 105  | 308262   | 20.855 | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 12.762 | 75   | 53402    | 24.970 | ug/L   | 94       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 161779   | 19.630 | ug/L   | 95       |
| 63) 1,2,4-Trimethylbenzene    | 13.243 | 105  | 245391   | 19.839 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 126626   | 21.615 | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 13.573 | 146  | 128790   | 20.950 | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 119629   | 22.196 | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 12352    | 22.412 | ug/L   | 94       |
| 69) 1,3,5-Trichlorobenzene    | 14.621 | 180  | 74651    | 18.814 | ug/L   | 96       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 58424    | 17.959 | ug/L   | 97       |
| 71) Naphthalene               | 15.359 | 128  | 164408   | 21.800 | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 54403    | 19.093 | ug/L   | 95       |

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

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