

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091421\  
 Data File : VW020013.D  
 Acq On : 14 Sep 2021 15:09  
 Operator : SY/VA  
 Sample : VSTD02546  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025446

Quant Time: Sep 14 15:54:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Sep 14 15:49:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114  | 288265   | 25.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117  | 273031   | 25.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152  | 140627   | 25.000 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65   | 132769   | 29.097 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 2.897  | 69   | 108435   | 27.167 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.031  | 63   | 198664   | 25.539 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 7.080  | 46   | 61850    | 63.000 | ug/L  | 0.00     |
| 24) Chloroform-d              | 7.653  | 84   | 190975   | 24.204 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65   | 111806   | 25.776 | ug/L  | 0.00     |
| 32) Benzene-d6                | 8.281  | 84   | 384623   | 24.941 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67   | 105896   | 22.889 | ug/L  | 0.00     |
| 41) Toluene-d8                | 10.329 | 98   | 360473   | 25.429 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79   | 50615    | 25.973 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 10.927 | 63   | 45594    | 63.798 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84   | 105354   | 26.696 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 115794   | 23.903 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.013  | 85   | 78526    | 27.040 | ug/L  | 99       |
| 3) Chloromethane              | 2.221  | 50   | 95198    | 26.387 | ug/L  | 99       |
| 5) Vinyl chloride             | 2.373  | 62   | 164729   | 29.867 | ug/L  | 97       |
| 6) Bromomethane               | 2.788  | 94   | 110200   | 27.226 | ug/L  | 94       |
| 8) Chloroethane               | 2.934  | 64   | 100045   | 28.026 | ug/L  | 94       |
| 9) Trichlorofluoromethane     | 3.269  | 101  | 99884    | 28.574 | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.074  | 101  | 106105   | 26.102 | ug/L  | 96       |
| 12) 1,1-Dichloroethene        | 4.050  | 96   | 100420   | 25.394 | ug/L  | 94       |
| 13) Acetone                   | 4.135  | 43   | 54740    | 63.773 | ug/L  | 91       |
| 14) Carbon disulfide          | 4.391  | 76   | 330529   | 26.062 | ug/L  | 99       |
| 15) Methyl Acetate            | 4.678  | 43   | 54955    | 31.248 | ug/L  | 100      |
| 16) Methylene chloride        | 4.922  | 84   | 106149   | 21.263 | ug/L  | 98       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96   | 106163   | 25.636 | ug/L  | 96       |
| 18) Methyl tert-butyl Ether   | 5.434  | 73   | 127702   | 26.404 | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 6.220  | 63   | 183385   | 25.000 | ug/L  | 98       |
| 20) cis-1,2-Dichloroethene    | 7.177  | 96   | 106990   | 25.626 | ug/L  | 98       |
| 22) 2-Butanone                | 7.177  | 43   | 75906    | 68.136 | ug/L  | 97       |
| 23) Bromochloromethane        | 7.519  | 128  | 48466    | 25.616 | ug/L  | 95       |
| 25) Chloroform                | 7.683  | 83   | 190688   | 25.036 | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 133986   | 26.595 | ug/L  | 99       |
| 29) Cyclohexane               | 7.964  | 56   | 166978   | 26.023 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.878  | 97   | 162380   | 26.302 | ug/L  | 100      |
| 31) Carbon tetrachloride      | 8.073  | 117  | 154639   | 26.664 | ug/L  | 100      |
| 33) Benzene                   | 8.329  | 78   | 422267   | 25.146 | ug/L  | 100      |
| 34) Trichloroethene           | 9.098  | 95   | 109945   | 25.118 | ug/L  | 97       |
| 35) Methylcyclohexane         | 9.341  | 83   | 197509   | 26.331 | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 101634   | 24.533 | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.646  | 83   | 133584   | 24.733 | ug/L  | 94       |
| 39) cis-1,3-Dichloropropene   | 10.079 | 75   | 154439   | 25.274 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 147024   | 62.149 | ug/L  | 99       |
| 42) Toluene                   | 10.390 | 91   | 463830   | 25.969 | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 10.610 | 75   | 147222   | 26.868 | ug/L  | 98       |

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 ClientSampleId :  
 VSTD025446

Quant Time: Sep 14 15:54:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Sep 14 15:49:13 2021  
 Response via : Initial Calibration

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|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 79089    | 25.875 | ug/L   | 98       |
| 46) Tetrachloroethene         | 10.866 | 164  | 85219    | 25.588 | ug/L   | 96       |
| 48) 2-Hexanone                | 10.969 | 43   | 111145   | 66.425 | ug/L   | 99       |
| 49) Dibromochloromethane      | 11.128 | 129  | 92038    | 26.292 | ug/L   | 91       |
| 50) 1,2-Dibromoethane         | 11.237 | 107  | 78714    | 27.127 | ug/L # | 98       |
| 51) Chlorobenzene             | 11.658 | 112  | 283743   | 24.974 | ug/L   | 98       |
| 52) Ethylbenzene              | 11.731 | 91   | 495717   | 25.730 | ug/L   | 99       |
| 53) m,p-Xylene                | 11.841 | 106  | 193934   | 26.183 | ug/L   | 98       |
| 54) o-Xylene                  | 12.170 | 106  | 181508   | 25.992 | ug/L   | 98       |
| 55) Styrene                   | 12.182 | 104  | 314350   | 26.257 | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 104032   | 27.170 | ug/L   | 98       |
| 59) Bromoform                 | 12.353 | 173  | 53354    | 27.326 | ug/L   | 98       |
| 60) Isopropylbenzene          | 12.463 | 105  | 494685   | 25.821 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 81774    | 28.187 | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 411708   | 26.859 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 399201   | 25.910 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 221427   | 25.622 | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 13.578 | 146  | 214474   | 24.435 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 196362   | 25.185 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.487 | 75   | 20180    | 30.924 | ug/L   | 90       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 150312   | 25.451 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.133 | 180  | 117243   | 25.604 | ug/L   | 95       |
| 71) Naphthalene               | 15.365 | 128  | 265534   | 28.538 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 113422   | 26.719 | ug/L   | 94       |
| -----                         |        |      |          |        |        |          |

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

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