

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061824\  
 Data File : VW029166.D  
 Acq On : 18 Jun 2024 09:06  
 Operator : SY/MD  
 Sample : VSTD2.546  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD2.5446

Quant Time: Jun 19 00:52:16 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 19 00:51:34 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114  | 231545   | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117  | 213977   | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152  | 105321   | 25.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 2.356  | 65   | 9040     | 2.821  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.893  | 69   | 7722m    | 2.898  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65   | 4205     | 2.717  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.087  | 46   | 4248     | 4.430  | ug/L   | 0.01     |
| 24) Chloroform-d              | 7.642  | 84   | 18090    | 2.619  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65   | 10087    | 2.544  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.270  | 84   | 32125    | 2.472  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67   | 10611    | 2.568  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.318 | 98   | 26300    | 2.287  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79   | 3897     | 2.341  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.928 | 63   | 2604m    | 4.071  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84   | 8646     | 2.629  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152  | 9063     | 2.479  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.021  | 85   | 7194     | 3.037  | ug/L   | 98       |
| 3) Chloromethane              | 2.216  | 50   | 9087     | 2.821  | ug/L   | 98       |
| 5) Vinyl chloride             | 2.375  | 62   | 10875    | 2.940  | ug/L   | 90       |
| 6) Bromomethane               | 2.783  | 94   | 6005     | 2.701  | ug/L   | 100      |
| 8) Chloroethane               | 2.930  | 64   | 6153     | 2.720  | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 3.265  | 101  | 6388     | 2.213  | ug/L # | 61       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.064  | 101  | 8739m    | 2.914  | ug/L   |          |
| 12) 1,1-Dichloroethene        | 4.039  | 96   | 6793     | 2.532  | ug/L   | 83       |
| 13) Acetone                   | 4.124  | 43   | 4667     | 5.727  | ug/L   | 98       |
| 14) Carbon disulfide          | 4.387  | 76   | 24418    | 2.788  | ug/L   | 96       |
| 15) Methyl Acetate            | 4.679  | 43   | 3771     | 2.331  | ug/L # | 77       |
| 16) Methylene chloride        | 4.923  | 84   | 14634    | 3.594  | ug/L   | 98       |
| 17) trans-1,2-Dichloroethene  | 5.423  | 96   | 7462     | 2.504  | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 5.423  | 73   | 10320    | 2.166  | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 6.209  | 63   | 16651    | 2.588  | ug/L   | 95       |
| 20) cis-1,2-Dichloroethene    | 7.167  | 96   | 8034     | 2.445  | ug/L   | 95       |
| 22) 2-Butanone                | 7.173  | 43   | 4986     | 4.475  | ug/L   | 94       |
| 23) Bromochloromethane        | 7.514  | 128  | 3828     | 2.617  | ug/L   | 98       |
| 25) Chloroform                | 7.673  | 83   | 15891    | 2.529  | ug/L   | 92       |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 12115    | 2.614  | ug/L   | 98       |
| 29) Cyclohexane               | 7.953  | 56   | 10706    | 2.189  | ug/L   | 97       |
| 30) 1,1,1-Trichloroethane     | 7.868  | 97   | 12162    | 2.556  | ug/L   | 98       |
| 31) Carbon tetrachloride      | 8.063  | 117  | 11217    | 2.581  | ug/L   | 94       |
| 33) Benzene                   | 8.319  | 78   | 31309    | 2.435  | ug/L   | 100      |
| 34) Trichloroethene           | 9.087  | 95   | 8881     | 2.589  | ug/L   | 91       |
| 35) Methylcyclohexane         | 9.337  | 83   | 12517    | 2.320  | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 9.367  | 63   | 9000m    | 2.490  | ug/L   |          |
| 38) Bromodichloromethane      | 9.642  | 83   | 11410    | 2.583  | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 10.069 | 75   | 10879    | 2.130  | ug/L   | 93       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 9693     | 4.329  | ug/L   | 96       |
| 42) Toluene                   | 10.386 | 91   | 30146    | 2.281  | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 9264     | 2.148  | ug/L   | 97       |

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 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 19 00:51:34 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 6515     | 2.589 | ug/L   | 98       |
| 46) Tetrachloroethene         | 10.861 | 164  | 6307     | 2.630 | ug/L   | 84       |
| 48) 2-Hexanone                | 10.971 | 43   | 6628     | 4.172 | ug/L   | 96       |
| 49) Dibromochloromethane      | 11.129 | 129  | 6148     | 2.337 | ug/L   | 89       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 5409     | 2.395 | ug/L # | 95       |
| 51) Chlorobenzene             | 11.654 | 112  | 21226    | 2.473 | ug/L   | 96       |
| 52) Ethylbenzene              | 11.727 | 91   | 33118    | 2.207 | ug/L   | 95       |
| 53) m,p-Xylene                | 11.836 | 106  | 12037    | 2.196 | ug/L   | 90       |
| 54) o-Xylene                  | 12.166 | 106  | 10486    | 2.047 | ug/L   | 96       |
| 55) Styrene                   | 12.178 | 104  | 18455    | 2.067 | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 7754     | 2.491 | ug/L   | 99       |
| 59) Bromoform                 | 12.342 | 173  | 3510     | 2.432 | ug/L   | 98       |
| 60) Isopropylbenzene          | 12.458 | 105  | 29137    | 2.076 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 5973     | 2.600 | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 18995    | 1.869 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 20989    | 1.919 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 14365    | 2.365 | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 16278    | 2.519 | ug/L   | 85       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 13305    | 2.370 | ug/L   | 90       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 1468     | 2.738 | ug/L # | 80       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 9900     | 2.415 | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 7374     | 2.219 | ug/L   | 97       |
| 71) Naphthalene               | 15.360 | 128  | 11872    | 1.810 | ug/L # | 95       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 6544     | 2.162 | ug/L   | 96       |

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

