

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100924\  
 Data File : VW030474.D  
 Acq On : 09 Oct 2024 15:00  
 Operator : SY/MD  
 Sample : VSTD05012  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD050412

Quant Time: Oct 10 01:05:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 10 01:03:35 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114  | 374401   | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117  | 338753   | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152  | 168870   | 25.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65   | 252423   | 42.892  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.899  | 69   | 205440   | 46.117  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65   | 112313   | 45.885  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.075  | 46   | 98820    | 93.182  | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.648  | 84   | 516250   | 48.216  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65   | 268842   | 48.286  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.276  | 84   | 973339   | 49.506  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67   | 285920   | 49.547  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.325 | 98   | 930560   | 51.846  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79   | 129354   | 53.531  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.922 | 63   | 82146    | 110.520 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84   | 210847   | 49.751  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152  | 287905   | 50.387  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.015  | 85   | 227552   | 47.570  | ug/L   | 98       |
| 3) Chloromethane              | 2.222  | 50   | 272819   | 49.072  | ug/L   | 99       |
| 5) Vinyl chloride             | 2.375  | 62   | 323655   | 47.338  | ug/L   | 100      |
| 6) Bromomethane               | 2.796  | 94   | 218177   | 48.482  | ug/L   | 97       |
| 8) Chloroethane               | 2.936  | 64   | 201470   | 48.204  | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 3.271  | 101  | 307160   | 50.209  | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101  | 262403   | 51.007  | ug/L # | 68       |
| 12) 1,1-Dichloroethene        | 4.045  | 96   | 252544   | 50.276  | ug/L   | 95       |
| 13) Acetone                   | 4.118  | 43   | 162481   | 106.614 | ug/L   | 97       |
| 14) Carbon disulfide          | 4.393  | 76   | 815349   | 49.706  | ug/L   | 100      |
| 15) Methyl Acetate            | 4.667  | 43   | 93667    | 48.242  | ug/L   | 100      |
| 16) Methylene chloride        | 4.923  | 84   | 255627   | 45.163  | ug/L   | 97       |
| 17) trans-1,2-Dichloroethene  | 5.429  | 96   | 279561   | 51.577  | ug/L   | 95       |
| 18) Methyl tert-butyl Ether   | 5.429  | 73   | 394879   | 52.054  | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.222  | 63   | 502892   | 49.920  | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96   | 299476   | 51.800  | ug/L   | 97       |
| 22) 2-Butanone                | 7.167  | 43   | 173609   | 109.711 | ug/L   | 98       |
| 23) Bromochloromethane        | 7.514  | 128  | 126487   | 50.011  | ug/L   | 95       |
| 25) Chloroform                | 7.679  | 83   | 526722   | 48.927  | ug/L   | 95       |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 349057   | 49.148  | ug/L   | 98       |
| 29) Cyclohexane               | 7.959  | 56   | 452216   | 54.840  | ug/L   | 100      |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 444116   | 49.387  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 405905   | 50.538  | ug/L   | 96       |
| 33) Benzene                   | 8.325  | 78   | 1119779  | 50.796  | ug/L   | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 306891   | 50.040  | ug/L   | 99       |
| 35) Methylcyclohexane         | 9.337  | 83   | 514142   | 53.269  | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 9.368  | 63   | 276144   | 50.084  | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.642  | 83   | 376942   | 51.458  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 451867   | 54.411  | ug/L   | 95       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 284610   | 107.603 | ug/L   | 100      |
| 42) Toluene                   | 10.386 | 91   | 1232415  | 52.403  | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 380947   | 54.588  | ug/L   | 99       |

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 10 01:03:35 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 198783   | 49.956  | ug/L  | 97       |
| 46) Tetrachloroethene         | 10.861 | 164  | 230918   | 51.050  | ug/L  | 99       |
| 48) 2-Hexanone                | 10.965 | 43   | 250595   | 115.854 | ug/L  | 100      |
| 49) Dibromochloromethane      | 11.129 | 129  | 230962   | 52.020  | ug/L  | 96       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 188825   | 50.856  | ug/L  | 97       |
| 51) Chlorobenzene             | 11.654 | 112  | 740948   | 48.942  | ug/L  | 95       |
| 52) Ethylbenzene              | 11.727 | 91   | 1404868  | 52.351  | ug/L  | 100      |
| 53) m,p-Xylene                | 11.837 | 106  | 540446   | 53.755  | ug/L  | 97       |
| 54) o-Xylene                  | 12.166 | 106  | 506536   | 54.497  | ug/L  | 92       |
| 55) Styrene                   | 12.178 | 104  | 876574   | 55.166  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 223204   | 49.742  | ug/L  | 97       |
| 59) Bromoform                 | 12.343 | 173  | 115657   | 48.747  | ug/L  | 94       |
| 60) Isopropylbenzene          | 12.465 | 105  | 1423517  | 54.433  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.769 | 75   | 162322   | 49.397  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 1150937  | 55.785  | ug/L  | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 1130615  | 55.969  | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 573351   | 50.368  | ug/L  | 96       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 580265   | 49.369  | ug/L  | 95       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 505847   | 50.500  | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.482 | 75   | 35074    | 47.856  | ug/L  | 93       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 370479   | 49.355  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180  | 302270   | 50.020  | ug/L  | 97       |
| 71) Naphthalene               | 15.360 | 128  | 566179   | 54.230  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 264151   | 50.423  | ug/L  | 98       |

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

