

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071123\  
 Data File : VW026586.D  
 Acq On : 11 Jul 2023 09:47  
 Operator : SY/MD  
 Sample : VSTD05017  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD050417

Quant Time: Jul 12 06:34:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 12 06:31:13 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114  | 634079   | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117  | 540989   | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152  | 255273   | 25.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65   | 485022   | 45.348  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.893  | 69   | 345504   | 46.036  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65   | 231726   | 46.134  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.081  | 46   | 333384   | 96.842  | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.648  | 84   | 877576   | 48.072  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65   | 478294   | 46.924  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.276  | 84   | 1824443  | 49.127  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67   | 558818   | 48.936  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.325 | 98   | 1599091  | 50.203  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79   | 233833   | 51.084  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.922 | 63   | 244779   | 109.854 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84   | 464741   | 48.059  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152  | 464363   | 49.546  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.015  | 85   | 366211   | 49.661  | ug/L   | 95       |
| 3) Chloromethane              | 2.223  | 50   | 484136   | 47.373  | ug/L   | 97       |
| 5) Vinyl chloride             | 2.375  | 62   | 502309   | 46.637  | ug/L   | 99       |
| 6) Bromomethane               | 2.789  | 94   | 268219   | 46.846  | ug/L   | 100      |
| 8) Chloroethane               | 2.930  | 64   | 290827   | 48.290  | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 3.265  | 101  | 413292   | 51.807  | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.070  | 101  | 426536   | 48.639  | ug/L # | 74       |
| 12) 1,1-Dichloroethene        | 4.045  | 96   | 417203   | 49.115  | ug/L   | 87       |
| 13) Acetone                   | 4.131  | 43   | 233998   | 94.109  | ug/L   | 97       |
| 14) Carbon disulfide          | 4.393  | 76   | 1460331  | 49.042  | ug/L   | 99       |
| 15) Methyl Acetate            | 4.673  | 43   | 281560   | 47.556  | ug/L   | 99       |
| 16) Methylene chloride        | 4.923  | 84   | 424485   | 38.022  | ug/L   | 97       |
| 17) trans-1,2-Dichloroethene  | 5.429  | 96   | 458255   | 50.456  | ug/L   | 99       |
| 18) Methyl tert-butyl Ether   | 5.429  | 73   | 720683   | 50.701  | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.216  | 63   | 898620   | 49.488  | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96   | 481155   | 51.161  | ug/L   | 97       |
| 22) 2-Butanone                | 7.173  | 43   | 372877   | 98.565  | ug/L   | 98       |
| 23) Bromochloromethane        | 7.514  | 128  | 194971   | 48.398  | ug/L   | 95       |
| 25) Chloroform                | 7.679  | 83   | 810717   | 48.729  | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 562106   | 47.993  | ug/L   | 96       |
| 29) Cyclohexane               | 7.959  | 56   | 908321   | 53.926  | ug/L   | 100      |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 670107   | 50.537  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 609885   | 50.670  | ug/L   | 99       |
| 33) Benzene                   | 8.325  | 78   | 1883731  | 50.535  | ug/L   | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 487275   | 50.890  | ug/L   | 98       |
| 35) Methylcyclohexane         | 9.337  | 83   | 890184   | 51.776  | ug/L   | 100      |
| 37) 1,2-Dichloropropane       | 9.368  | 63   | 498311   | 50.340  | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.648  | 83   | 574462   | 51.078  | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 765501   | 53.713  | ug/L   | 95       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 781121   | 104.546 | ug/L   | 99       |
| 42) Toluene                   | 10.386 | 91   | 1963536  | 52.161  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 646543   | 53.791  | ug/L   | 96       |

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Quant Time: Jul 12 06:34:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 12 06:31:13 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 10.788 | 97   | 342652   | 49.593  | ug/L   | 98       |
| 46) Tetrachloroethene         | 10.861 | 164  | 348168   | 51.220  | ug/L   | 94       |
| 48) 2-Hexanone                | 10.965 | 43   | 554812   | 106.403 | ug/L   | 99       |
| 49) Dibromochloromethane      | 11.129 | 129  | 351816   | 51.428  | ug/L   | 93       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 332042   | 50.985  | ug/L   | 95       |
| 51) Chlorobenzene             | 11.654 | 112  | 1157957  | 50.171  | ug/L   | 95       |
| 52) Ethylbenzene              | 11.727 | 91   | 2206678  | 52.654  | ug/L   | 99       |
| 53) m,p-Xylene                | 11.837 | 106  | 819971   | 53.780  | ug/L   | 95       |
| 54) o-Xylene                  | 12.166 | 106  | 763005   | 53.316  | ug/L   | 99       |
| 55) Styrene                   | 12.178 | 104  | 1282154  | 53.117  | ug/L   | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.715 | 83   | 449745   | 49.602  | ug/L   | 97       |
| 59) Bromoform                 | 12.349 | 173  | 211652   | 52.422  | ug/L   | 97       |
| 60) Isopropylbenzene          | 12.458 | 105  | 2132778  | 54.000  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.769 | 75   | 337275   | 48.917  | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 1723079  | 56.879  | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 1685616  | 56.123  | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 13.501 | 146  | 827538   | 49.933  | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 833238   | 50.412  | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 729186   | 49.714  | ug/L # | 86       |
| 68) 1,2-Dibromo-3-chloropr... | 14.482 | 75   | 80366    | 48.955  | ug/L # | 83       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 547381   | 49.910  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 454531   | 50.503  | ug/L   | 97       |
| 71) Naphthalene               | 15.360 | 128  | 1128112  | 55.350  | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 420656   | 49.647  | ug/L   | 100      |

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

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