

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101123\  
 Data File : VW027282.D  
 Acq On : 11 Oct 2023 12:04  
 Operator : SY/MD  
 Sample : VSTD10064  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD100464

Quant Time: Oct 12 01:01:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM101123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 12 00:57:57 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114  | 536102   | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117  | 493842   | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152  | 245949   | 25.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65   | 768168   | 93.888  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.893  | 69   | 574727   | 97.830  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65   | 366897   | 89.495  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.075  | 46   | 497984   | 183.876 | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.648  | 84   | 1461382  | 91.460  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65   | 773783   | 90.150  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.276  | 84   | 2988794  | 89.453  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67   | 926044   | 90.742  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.325 | 98   | 2674736  | 88.279  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79   | 425752   | 91.028  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.922 | 63   | 408742   | 193.586 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84   | 695214   | 91.307  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152  | 816511   | 91.612  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.027  | 85   | 576510   | 90.218  | ug/L   | # 90     |
| 3) Chloromethane              | 2.228  | 50   | 677123   | 92.371  | ug/L   | 98       |
| 5) Vinyl chloride             | 2.381  | 62   | 707386   | 86.390  | ug/L   | 97       |
| 6) Bromomethane               | 2.789  | 94   | 413523   | 88.665  | ug/L   | 98       |
| 8) Chloroethane               | 2.936  | 64   | 416599   | 88.386  | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 3.265  | 101  | 573316   | 99.244  | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101  | 605942   | 86.514  | ug/L   | 95       |
| 12) 1,1-Dichloroethene        | 4.045  | 96   | 614678   | 86.878  | ug/L   | 94       |
| 13) Acetone                   | 4.118  | 43   | 446762   | 194.482 | ug/L   | 99       |
| 14) Carbon disulfide          | 4.393  | 76   | 1836671  | 84.277  | ug/L   | 99       |
| 15) Methyl Acetate            | 4.667  | 43   | 367867   | 91.698  | ug/L   | 100      |
| 16) Methylene chloride        | 4.923  | 84   | 654095   | 66.804  | ug/L   | 98       |
| 17) trans-1,2-Dichloroethene  | 5.429  | 96   | 640955   | 84.848  | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 5.429  | 73   | 1108202  | 85.018  | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 6.216  | 63   | 1347703  | 87.431  | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96   | 745244   | 87.346  | ug/L   | 94       |
| 22) 2-Butanone                | 7.167  | 43   | 585489   | 166.536 | ug/L   | 99       |
| 23) Bromochloromethane        | 7.514  | 128  | 304963   | 86.575  | ug/L   | 96       |
| 25) Chloroform                | 7.679  | 83   | 1254977  | 86.989  | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 862028   | 87.962  | ug/L   | 99       |
| 29) Cyclohexane               | 7.959  | 56   | 1252311  | 83.519  | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 1030866  | 85.575  | ug/L   | 100      |
| 31) Carbon tetrachloride      | 8.069  | 117  | 924765   | 85.136  | ug/L   | 100      |
| 33) Benzene                   | 8.325  | 78   | 2728455  | 84.539  | ug/L   | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 745990   | 87.504  | ug/L   | 96       |
| 35) Methylcyclohexane         | 9.337  | 83   | 1273364  | 83.522  | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 9.367  | 63   | 747001   | 85.601  | ug/L   | 99       |
| 38) Bromodichloromethane      | 9.642  | 83   | 938984   | 87.506  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 1253667  | 86.968  | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 1078837  | 179.764 | ug/L   | 100      |
| 42) Toluene                   | 10.386 | 91   | 2828035  | 83.529  | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 1058704  | 87.041  | ug/L   | 99       |

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Quant Time: Oct 12 01:01:11 2023  
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 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 12 00:57:57 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 10.788 | 97   | 537100   | 89.441  | ug/L   | 97       |
| 46) Tetrachloroethene         | 10.861 | 164  | 499612   | 84.872  | ug/L   | 95       |
| 48) 2-Hexanone                | 10.965 | 43   | 830356   | 186.938 | ug/L   | 99       |
| 49) Dibromochloromethane      | 11.129 | 129  | 594432   | 89.133  | ug/L   | 96       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 509976   | 87.592  | ug/L # | 98       |
| 51) Chlorobenzene             | 11.654 | 112  | 1827076  | 86.177  | ug/L   | 99       |
| 52) Ethylbenzene              | 11.727 | 91   | 3360615  | 85.417  | ug/L   | 95       |
| 53) m,p-Xylene                | 11.836 | 106  | 1287321  | 86.267  | ug/L   | 99       |
| 54) o-Xylene                  | 12.166 | 106  | 1230713  | 86.124  | ug/L   | 95       |
| 55) Styrene                   | 12.178 | 104  | 2109305  | 86.429  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 655577   | 89.428  | ug/L   | 97       |
| 59) Bromoform                 | 12.349 | 173  | 340324   | 92.991  | ug/L   | 98       |
| 60) Isopropylbenzene          | 12.458 | 105  | 3271714  | 84.678  | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 484109   | 90.147  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 2772364  | 86.021  | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 2678067  | 84.928  | ug/L   | 96       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 1386702  | 88.505  | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 1356433  | 86.690  | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 1170351  | 84.179  | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 14.482 | 75   | 118724   | 88.457  | ug/L # | 86       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 853482   | 83.912  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 725896   | 83.851  | ug/L   | 99       |
| 71) Naphthalene               | 15.360 | 128  | 1541625  | 86.595  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 589257   | 82.777  | ug/L   | 96       |

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

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