

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082323\  
 Data File : VW026808.D  
 Acq On : 23 Aug 2023 09:18  
 Operator : SY/MD  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025591

Quant Time: Aug 24 01:41:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Aug 23 01:29:10 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 455914   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 465192   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 262472   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 154449   | 20.608   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 82.440%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 122549   | 21.990   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 87.960%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 85028    | 23.067   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 92.280%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 86756    | 40.274   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 80.540%  |
| 24) Chloroform-d              | 7.648  | 84    | 414524   | 27.090   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 108.360% |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 220720   | 26.138   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 104.560% |
| 32) Benzene-d6                | 8.276  | 84    | 837608   | 26.126   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 104.520% |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 255905   | 25.625   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 102.480% |
| 41) Toluene-d8                | 10.325 | 98    | 744963   | 27.069   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 108.280% |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 100766   | 24.438   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 97.760%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 50313    | 47.946   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 95.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 194853   | 24.707   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 98.840%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 235834   | 25.103   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 100.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.021  | 85    | 152604   | 24.619   | ug/L   | # 88     |
| 3) Chloromethane              | 2.228  | 50    | 153603   | 18.122   | ug/L   | 99       |
| 5) Vinyl chloride             | 2.375  | 62    | 170115   | 20.994   | ug/L   | 99       |
| 6) Bromomethane               | 2.789  | 94    | 103229   | 21.866   | ug/L   | 99       |
| 8) Chloroethane               | 2.930  | 64    | 100465   | 20.693   | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 3.265  | 101   | 155867   | 23.439   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101   | 189661   | 26.404   | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 4.045  | 96    | 165893   | 24.618   | ug/L   | 97       |
| 13) Acetone                   | 4.124  | 43    | 99572    | 46.489   | ug/L   | 94       |
| 14) Carbon disulfide          | 4.393  | 76    | 535918   | 22.106   | ug/L   | 98       |
| 15) Methyl Acetate            | 4.673  | 43    | 88460    | 20.618   | ug/L   | 96       |
| 16) Methylene chloride        | 4.929  | 84    | 203633   | 23.090   | ug/L   | 96       |
| 17) trans-1,2-Dichloroethene  | 5.429  | 96    | 185796   | 24.708   | ug/L   | 95       |
| 18) Methyl tert-butyl Ether   | 5.429  | 73    | 290437   | 25.526   | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 6.222  | 63    | 385063   | 24.880   | ug/L   | 100      |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96    | 202832   | 25.095   | ug/L   | 99       |
| 22) 2-Butanone                | 7.173  | 43    | 132841   | 42.086   | ug/L   | 97       |
| 23) Bromochloromethane        | 7.514  | 128   | 91614    | 26.239   | ug/L   | 92       |
| 25) Chloroform                | 7.679  | 83    | 392630   | 26.259   | ug/L   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082323\  
 Data File : VW026808.D  
 Acq On : 23 Aug 2023 09:18  
 Operator : SY/MD  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025591

Quant Time: Aug 24 01:41:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Aug 23 01:29:10 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 267868   | 25.681 | ug/L  | 100      |
| 29) Cyclohexane               | 7.959  | 56   | 360441   | 25.055 | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 321747   | 26.501 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 298536   | 26.894 | ug/L  | 97       |
| 33) Benzene                   | 8.325  | 78   | 889720   | 26.264 | ug/L  | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 219488   | 25.439 | ug/L  | 97       |
| 35) Methylcyclohexane         | 9.337  | 83   | 383917   | 26.010 | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 9.367  | 63   | 240375   | 25.905 | ug/L  | 98       |
| 38) Bromodichloromethane      | 9.648  | 83   | 280204   | 25.741 | ug/L  | 96       |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 345977   | 25.918 | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 273883   | 45.377 | ug/L  | 98       |
| 42) Toluene                   | 10.385 | 91   | 937071   | 27.344 | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 294517   | 25.633 | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 10.788 | 97   | 161618   | 25.467 | ug/L  | 98       |
| 46) Tetrachloroethene         | 10.861 | 164  | 166646   | 26.586 | ug/L  | 91       |
| 48) 2-Hexanone                | 10.965 | 43   | 203170   | 49.469 | ug/L  | 98       |
| 49) Dibromochloromethane      | 11.129 | 129  | 169110   | 25.479 | ug/L  | 90       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 146286   | 24.567 | ug/L  | 98       |
| 51) Chlorobenzene             | 11.654 | 112  | 569780   | 26.322 | ug/L  | 97       |
| 52) Ethylbenzene              | 11.727 | 91   | 1055648  | 27.470 | ug/L  | 96       |
| 53) m,p-Xylene                | 11.836 | 106  | 397562   | 27.925 | ug/L  | 90       |
| 54) o-Xylene                  | 12.166 | 106  | 371928   | 27.991 | ug/L  | 95       |
| 55) Styrene                   | 12.178 | 104  | 668507   | 28.936 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 200290   | 24.921 | ug/L  | 98       |
| 59) Bromoform                 | 12.349 | 173  | 95421    | 23.208 | ug/L  | 96       |
| 60) Isopropylbenzene          | 12.464 | 105  | 1059204  | 27.143 | ug/L  | 98       |
| 61) 1,2,3-Trichloropropane    | 12.769 | 75   | 143500   | 22.539 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 842478   | 27.314 | ug/L  | 97       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 844434   | 27.938 | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 435174   | 25.642 | ug/L  | 94       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 456385   | 25.768 | ug/L  | 96       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 403118   | 26.121 | ug/L  | 95       |
| 68) 1,2-Dibromo-3-chloropr... | 14.482 | 75   | 31850    | 20.751 | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 289702   | 25.267 | ug/L  | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 243603   | 25.059 | ug/L  | 93       |
| 71) Naphthalene               | 15.360 | 128  | 424077   | 22.869 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 224678   | 25.624 | ug/L  | 97       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082323\  
Data File : VW026808.D  
Acq On : 23 Aug 2023 09:18  
Operator : SY/MD  
Sample : VSTDCCC025  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025591

Quant Time: Aug 24 01:41:53 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Aug 23 01:29:10 2023  
Response via : Initial Calibration

