

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052022\  
 Data File : VW023234.D  
 Acq On : 21 May 2022 06:13  
 Operator : SY/VA  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025545

Quant Time: May 21 06:32:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 21 01:30:17 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 283259   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 296610   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 165725   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 119963   | 20.642   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 82.560%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 81287    | 21.500   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 86.000%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 151950   | 20.235   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 80.960%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 52749    | 47.739   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 95.480%  |
| 24) Chloroform-d              | 7.647  | 84    | 205497   | 24.762   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 99.040%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 115185   | 25.307   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 101.240% |
| 32) Benzene-d6                | 8.275  | 84    | 391241   | 22.884   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 91.520%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 115246   | 23.997   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 96.000%  |
| 41) Toluene-d8                | 10.323 | 98    | 381970   | 23.128   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 92.520%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 49850    | 22.544   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 90.160%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 41952    | 45.760   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 91.520%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 111851   | 24.988   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 99.960%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 140984   | 24.336   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 97.360%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.007  | 85    | 38936    | 25.215   | ug/L   | 92       |
| 3) Chloromethane              | 2.215  | 50    | 103049   | 34.535   | ug/L   | 96       |
| 5) Vinyl chloride             | 2.361  | 62    | 142258   | 23.756   | ug/L   | 99       |
| 6) Bromomethane               | 2.776  | 94    | 75608    | 19.665   | ug/L   | 95       |
| 8) Chloroethane               | 2.922  | 64    | 68752    | 23.804   | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 3.257  | 101   | 53652    | 19.602   | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.062  | 101   | 90709    | 22.164   | ug/L   | 94       |
| 12) 1,1-Dichloroethene        | 4.044  | 96    | 82943    | 22.862   | ug/L   | 89       |
| 13) Acetone                   | 4.129  | 43    | 33726    | 40.768   | ug/L   | 100      |
| 14) Carbon disulfide          | 4.385  | 76    | 229746   | 23.099   | ug/L   | 98       |
| 15) Methyl Acetate            | 4.678  | 43    | 43450    | 26.144   | ug/L   | 97       |
| 16) Methylene chloride        | 4.915  | 84    | 109611   | 26.445   | ug/L   | 96       |
| 17) trans-1,2-Dichloroethene  | 5.421  | 96    | 98968    | 24.241   | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 5.434  | 73    | 168805   | 27.085   | ug/L # | 90       |
| 19) 1,1-Dichloroethane        | 6.214  | 63    | 177546   | 25.659   | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 110848   | 25.278   | ug/L # | 98       |
| 22) 2-Butanone                | 7.171  | 43    | 55989    | 48.395   | ug/L   | 98       |
| 23) Bromochloromethane        | 7.519  | 128   | 53597    | 26.098   | ug/L   | 94       |
| 25) Chloroform                | 7.677  | 83    | 199475   | 26.071   | ug/L   | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052022\  
 Data File : VW023234.D  
 Acq On : 21 May 2022 06:13  
 Operator : SY/VA  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025545

Quant Time: May 21 06:32:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 21 01:30:17 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 136748   | 26.812 | ug/L  | 97       |
| 29) Cyclohexane               | 7.957  | 56   | 146961   | 22.910 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 166193   | 23.710 | ug/L  | 100      |
| 31) Carbon tetrachloride      | 8.073  | 117  | 150592   | 22.967 | ug/L  | 99       |
| 33) Benzene                   | 8.323  | 78   | 432779   | 24.768 | ug/L  | 100      |
| 34) Trichloroethene           | 9.091  | 95   | 114085   | 23.741 | ug/L  | 97       |
| 35) Methylcyclohexane         | 9.335  | 83   | 181569   | 23.000 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 104931   | 24.815 | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 147288   | 24.523 | ug/L  | 94       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 157982   | 24.095 | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 129671   | 48.653 | ug/L  | 99       |
| 42) Toluene                   | 10.384 | 91   | 497675   | 25.414 | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 146176   | 24.978 | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 89812    | 25.407 | ug/L  | 97       |
| 46) Tetrachloroethene         | 10.866 | 164  | 85114    | 23.569 | ug/L  | 82       |
| 48) 2-Hexanone                | 10.969 | 43   | 86357    | 48.494 | ug/L  | 98       |
| 49) Dibromochloromethane      | 11.128 | 129  | 107120   | 25.178 | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 88773    | 25.010 | ug/L  | 99       |
| 51) Chlorobenzene             | 11.658 | 112  | 325302   | 25.198 | ug/L  | 98       |
| 52) Ethylbenzene              | 11.731 | 91   | 549764   | 25.235 | ug/L  | 99       |
| 53) m,p-Xylene                | 11.835 | 106  | 214483   | 24.986 | ug/L  | 93       |
| 54) o-Xylene                  | 12.164 | 106  | 209250   | 25.402 | ug/L  | 98       |
| 55) Styrene                   | 12.176 | 104  | 365647   | 26.123 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 113752   | 25.764 | ug/L  | 93       |
| 59) Bromoform                 | 12.347 | 173  | 56387    | 24.009 | ug/L  | 97       |
| 60) Isopropylbenzene          | 12.463 | 105  | 562585   | 24.780 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 81779    | 24.697 | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 309137   | 24.475 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 476888   | 25.145 | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 254152   | 25.073 | ug/L  | 90       |
| 65) 1,4-Dichlorobenzene       | 13.572 | 146  | 254054   | 24.265 | ug/L  | 95       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 234808   | 25.314 | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 16786    | 23.195 | ug/L  | 90       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 169802   | 25.236 | ug/L  | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 135766   | 25.084 | ug/L  | 97       |
| 71) Naphthalene               | 15.359 | 128  | 305351   | 25.957 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 125053   | 26.069 | ug/L  | 98       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052022\  
Data File : VW023234.D  
Acq On : 21 May 2022 06:13  
Operator : SY/VA  
Sample : VSTDCCC025EC  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025545

Quant Time: May 21 06:32:03 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat May 21 01:30:17 2022  
Response via : Initial Calibration

