

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
 Data File : VW023964.D  
 Acq On : 21 Jul 2022 02:45  
 Operator : SY/VA  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025499

Quant Time: Jul 21 03:52:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jul 21 00:18:55 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 292597   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 293806   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 162071   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 119049   | 15.930   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 63.720%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 81181    | 16.283   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.120%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 106457   | 17.494   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 69.960%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 51574    | 44.492   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 88.980%  |
| 24) Chloroform-d              | 7.647  | 84    | 183052   | 21.488   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 85.960%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 100386   | 19.267   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 77.080%  |
| 32) Benzene-d6                | 8.275  | 84    | 327652   | 21.453   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 85.800%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 98836    | 21.484   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 85.920%  |
| 41) Toluene-d8                | 10.323 | 98    | 307999   | 19.881   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 79.520%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 39209    | 18.182   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 72.720%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 42298    | 43.724   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 87.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 108460   | 21.333   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 85.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 121424   | 20.987   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 83.960%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.007  | 85    | 55537    | 27.931   | ug/L   | 100      |
| 3) Chloromethane              | 2.215  | 50    | 104404   | 21.441   | ug/L   | 98       |
| 5) Vinyl chloride             | 2.355  | 62    | 158774   | 18.989   | ug/L   | 96       |
| 6) Bromomethane               | 2.770  | 94    | 82313    | 15.220   | ug/L   | 98       |
| 8) Chloroethane               | 2.910  | 64    | 72476    | 18.528   | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 3.245  | 101   | 60446    | 15.903   | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.056  | 101   | 77020    | 20.706   | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 4.032  | 96    | 62062    | 20.009   | ug/L   | 92       |
| 13) Acetone                   | 4.123  | 43    | 32415    | 39.552   | ug/L   | 91       |
| 14) Carbon disulfide          | 4.379  | 76    | 161939   | 17.749   | ug/L   | 98       |
| 15) Methyl Acetate            | 4.672  | 43    | 39606    | 21.593   | ug/L   | 99       |
| 16) Methylene chloride        | 4.909  | 84    | 108747   | 23.768   | ug/L   | 97       |
| 17) trans-1,2-Dichloroethene  | 5.422  | 96    | 87245    | 23.184   | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73    | 137577   | 23.630   | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.214  | 63    | 171031   | 24.638   | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 102276   | 24.532   | ug/L # | 90       |
| 22) 2-Butanone                | 7.171  | 43    | 60340    | 44.802   | ug/L   | 98       |
| 23) Bromochloromethane        | 7.513  | 128   | 48917    | 24.425   | ug/L   | 92       |
| 25) Chloroform                | 7.671  | 83    | 198067   | 24.767   | ug/L   | 87       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
 Data File : VW023964.D  
 Acq On : 21 Jul 2022 02:45  
 Operator : SY/VA  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025499

Quant Time: Jul 21 03:52:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jul 21 00:18:55 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 8.397  | 62   | 130022   | 22.091 | ug/L   | 100      |
| 29) Cyclohexane               | 7.952  | 56   | 121097   | 22.536 | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 7.866  | 97   | 153306   | 24.099 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 136640   | 23.827 | ug/L   | 98       |
| 33) Benzene                   | 8.317  | 78   | 402274   | 24.094 | ug/L   | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 102849   | 23.327 | ug/L   | 93       |
| 35) Methylcyclohexane         | 9.335  | 83   | 153808   | 22.910 | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 104824   | 25.043 | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.646  | 83   | 149531   | 25.596 | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 141344   | 22.403 | ug/L   | 97       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 141965   | 48.739 | ug/L   | 96       |
| 42) Toluene                   | 10.384 | 91   | 459703   | 24.143 | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 130567   | 21.774 | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 88870    | 24.281 | ug/L   | 97       |
| 46) Tetrachloroethene         | 10.860 | 164  | 76848    | 22.542 | ug/L   | 93       |
| 48) 2-Hexanone                | 10.969 | 43   | 101886   | 48.043 | ug/L   | 98       |
| 49) Dibromochloromethane      | 11.128 | 129  | 106545   | 25.102 | ug/L   | 92       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 85422    | 24.293 | ug/L   | 93       |
| 51) Chlorobenzene             | 11.652 | 112  | 304044   | 23.676 | ug/L   | 97       |
| 52) Ethylbenzene              | 11.725 | 91   | 508799   | 23.515 | ug/L   | 98       |
| 53) m,p-Xylene                | 11.835 | 106  | 201131   | 23.825 | ug/L   | 98       |
| 54) o-Xylene                  | 12.164 | 106  | 197002   | 24.299 | ug/L   | 96       |
| 55) Styrene                   | 12.176 | 104  | 353566   | 24.685 | ug/L   | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 117389   | 23.514 | ug/L # | 96       |
| 59) Bromoform                 | 12.347 | 173  | 59853    | 25.045 | ug/L   | 97       |
| 60) Isopropylbenzene          | 12.463 | 105  | 526621   | 24.189 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 85488    | 24.056 | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 443764   | 24.897 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 438626   | 24.614 | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 242206   | 24.503 | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 13.573 | 146  | 254118   | 24.164 | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 229663   | 24.636 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.475 | 75   | 18642    | 22.744 | ug/L   | 98       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 149779   | 22.893 | ug/L   | 93       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 119059   | 23.566 | ug/L   | 97       |
| 71) Naphthalene               | 15.359 | 128  | 259302   | 23.927 | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 111517   | 23.682 | ug/L   | 98       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
Data File : VW023964.D  
Acq On : 21 Jul 2022 02:45  
Operator : SY/VA  
Sample : VSTDCCC025EC  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025499

Quant Time: Jul 21 03:52:13 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Jul 21 00:18:55 2022  
Response via : Initial Calibration

