

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100821\  
 Data File : VW020428.D  
 Acq On : 08 Oct 2021 23:15  
 Operator : SY/VA  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025571

Quant Time: Oct 09 04:21:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Oct 09 04:18:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 190113   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 180351   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 91229    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 66047    | 23.875   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 95.520%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 37945    | 25.967   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 103.880% |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 133124   | 23.485   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 93.960%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 40706    | 48.351   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 96.700%  |
| 24) Chloroform-d              | 7.653  | 84    | 152828   | 25.219   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 100.880% |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 85950    | 24.833   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 99.320%  |
| 32) Benzene-d6                | 8.275  | 84    | 293633   | 24.752   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 99.000%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 93738    | 24.244   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 96.960%  |
| 41) Toluene-d8                | 10.323 | 98    | 268314   | 25.207   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 100.840% |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 38005    | 24.189   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 96.760%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 28359    | 47.680   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 95.360%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 69817    | 23.889   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 95.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 88755    | 24.870   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 99.480%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.007  | 85    | 34841    | 28.360   | ug/L   | 99       |
| 3) Chloromethane              | 2.215  | 50    | 64361    | 25.196   | ug/L   | 97       |
| 5) Vinyl chloride             | 2.355  | 62    | 87659    | 24.399   | ug/L   | 99       |
| 6) Bromomethane               | 2.776  | 94    | 38511    | 24.679   | ug/L   | 97       |
| 8) Chloroethane               | 2.916  | 64    | 34592    | 26.075   | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 3.251  | 101   | 45707    | 22.360   | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.062  | 101   | 71401    | 24.492   | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 4.038  | 96    | 65870    | 24.643   | ug/L   | 94       |
| 13) Acetone                   | 4.129  | 43    | 30391    | 39.319   | ug/L   | 100      |
| 14) Carbon disulfide          | 4.379  | 76    | 212352   | 24.424   | ug/L   | 99       |
| 15) Methyl Acetate            | 4.672  | 43    | 35056    | 24.423   | ug/L   | 99       |
| 16) Methylene chloride        | 4.915  | 84    | 96060    | 25.992   | ug/L   | 98       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96    | 71632    | 25.542   | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 5.434  | 73    | 100484   | 25.432   | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.220  | 63    | 149097   | 25.934   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 75789    | 26.000   | ug/L   | 98       |
| 22) 2-Butanone                | 7.177  | 43    | 44730    | 46.231   | ug/L   | 99       |
| 23) Bromochloromethane        | 7.513  | 128   | 31911    | 24.960   | ug/L   | 95       |
| 25) Chloroform                | 7.677  | 83    | 144415   | 25.839   | ug/L   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100821\  
 Data File : VW020428.D  
 Acq On : 08 Oct 2021 23:15  
 Operator : SY/VA  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025571

Quant Time: Oct 09 04:21:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Oct 09 04:18:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 98212    | 25.691 | ug/L  | 98       |
| 29) Cyclohexane               | 7.958  | 56   | 133312   | 25.248 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 109704   | 24.486 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 95675    | 24.288 | ug/L  | 99       |
| 33) Benzene                   | 8.323  | 78   | 327522   | 25.496 | ug/L  | 100      |
| 34) Trichloroethene           | 9.091  | 95   | 77585    | 24.516 | ug/L  | 97       |
| 35) Methylcyclohexane         | 9.335  | 83   | 134887   | 24.907 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 84935    | 25.532 | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 100656   | 25.237 | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 117471   | 25.595 | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 100571   | 50.371 | ug/L  | 99       |
| 42) Toluene                   | 10.390 | 91   | 337555   | 26.198 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 103224   | 25.512 | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 52531    | 24.594 | ug/L  | 96       |
| 46) Tetrachloroethene         | 10.859 | 164  | 54139    | 23.817 | ug/L  | 92       |
| 48) 2-Hexanone                | 10.969 | 43   | 69934    | 47.740 | ug/L  | 100      |
| 49) Dibromochloromethane      | 11.128 | 129  | 59743    | 25.389 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 11.237 | 107  | 48223    | 24.580 | ug/L  | 98       |
| 51) Chlorobenzene             | 11.658 | 112  | 199675   | 25.131 | ug/L  | 98       |
| 52) Ethylbenzene              | 11.731 | 91   | 365961   | 26.192 | ug/L  | 99       |
| 53) m,p-Xylene                | 11.841 | 106  | 135824   | 26.236 | ug/L  | 97       |
| 54) o-Xylene                  | 12.164 | 106  | 129110   | 27.005 | ug/L  | 99       |
| 55) Styrene                   | 12.182 | 104  | 229832   | 27.494 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 65556    | 24.759 | ug/L  | 98       |
| 59) Bromoform                 | 12.347 | 173  | 31204    | 24.416 | ug/L  | 98       |
| 60) Isopropylbenzene          | 12.463 | 105  | 358647   | 26.785 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 48711    | 24.237 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 299014   | 27.351 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 302015   | 27.890 | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 148887   | 25.698 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 13.578 | 146  | 152881   | 25.512 | ug/L  | 94       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 132277   | 24.921 | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 10191    | 23.872 | ug/L  | 98       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 104683   | 25.339 | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.133 | 180  | 82144    | 25.111 | ug/L  | 97       |
| 71) Naphthalene               | 15.365 | 128  | 155197   | 26.388 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 74387    | 25.891 | ug/L  | 99       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100821\  
 Data File : VW020428.D  
 Acq On : 08 Oct 2021 23:15  
 Operator : SY/VA  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025571

Quant Time: Oct 09 04:21:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Oct 09 04:18:42 2021  
 Response via : Initial Calibration

