

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051421\  
 Data File : VW018996.D  
 Acq On : 14 May 2021 11:20  
 Operator : SY/VA  
 Sample : VSTD05003  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD050103

Quant Time: May 14 11:39:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM051421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 14 11:35:15 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114  | 597246   | 25.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117  | 542688   | 25.00  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152  | 281981   | 25.00  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65   | 283054   | 40.99  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 2.892  | 69   | 248816   | 43.92  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.032  | 63   | 611348   | 45.20  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 7.080  | 46   | 157840   | 101.32 | ug/L  | 0.00     |
| 24) Chloroform-d              | 7.647  | 84   | 655539   | 44.12  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65   | 345361   | 45.32  | ug/L  | 0.00     |
| 32) Benzene-d6                | 8.275  | 84   | 1287543  | 44.06  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67   | 383587   | 44.80  | ug/L  | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 1223747  | 45.17  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79   | 176281   | 48.32  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 10.927 | 63   | 138151   | 107.71 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84   | 321227   | 48.43  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 425431   | 45.00  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.008  | 85   | 305819   | 54.97  | ug/L  | 96       |
| 3) Chloromethane              | 2.221  | 50   | 310952   | 55.86  | ug/L  | 99       |
| 5) Vinyl chloride             | 2.367  | 62   | 419704   | 49.32  | ug/L  | 97       |
| 6) Bromomethane               | 2.782  | 94   | 313727   | 47.60  | ug/L  | 97       |
| 8) Chloroethane               | 2.928  | 64   | 267490   | 50.22  | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 3.263  | 101  | 281781   | 48.02  | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068  | 101  | 376161   | 50.85  | ug/L  | 96       |
| 12) 1,1-Dichloroethene        | 4.044  | 96   | 376274   | 50.93  | ug/L  | 96       |
| 13) Acetone                   | 4.129  | 43   | 114078   | 99.99  | ug/L  | 89       |
| 14) Carbon disulfide          | 4.391  | 76   | 1110926  | 50.55  | ug/L  | 100      |
| 15) Methyl Acetate            | 4.672  | 43   | 140439   | 55.12  | ug/L  | 96       |
| 16) Methylene chloride        | 4.916  | 84   | 382485   | 39.76  | ug/L  | 95       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96   | 400052   | 50.02  | ug/L  | 94       |
| 18) Methyl tert-butyl Ether   | 5.422  | 73   | 501373   | 49.53  | ug/L  | 97       |
| 19) 1,1-Dichloroethane        | 6.220  | 63   | 689513   | 49.62  | ug/L  | 100      |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96   | 421503   | 49.69  | ug/L  | 98       |
| 22) 2-Butanone                | 7.171  | 43   | 183282   | 106.24 | ug/L  | 96       |
| 23) Bromochloromethane        | 7.513  | 128  | 182773   | 49.04  | ug/L  | 94       |
| 25) Chloroform                | 7.677  | 83   | 714975   | 49.47  | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 455484   | 49.50  | ug/L  | 98       |
| 29) Cyclohexane               | 7.958  | 56   | 637169   | 53.19  | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.878  | 97   | 563554   | 49.66  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 522062   | 50.57  | ug/L  | 99       |
| 33) Benzene                   | 8.323  | 78   | 1575855  | 49.80  | ug/L  | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 422546   | 50.65  | ug/L  | 98       |
| 35) Methylcyclohexane         | 9.336  | 83   | 737770   | 52.13  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 378411   | 49.65  | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 512450   | 51.05  | ug/L  | 93       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 613988   | 53.06  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 425210   | 108.94 | ug/L  | 93       |
| 42) Toluene                   | 10.390 | 91   | 1737010  | 50.08  | ug/L  | 96       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 540281   | 54.24  | ug/L  | 97       |

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 Sample : VSTD05003  
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD050103

Quant Time: May 14 11:39:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM051421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 14 11:35:15 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 288387   | 50.92  | ug/L   | 98       |
| 46) Tetrachloroethene         | 10.866 | 164  | 342060   | 51.96  | ug/L   | 96       |
| 48) 2-Hexanone                | 10.969 | 43   | 293877   | 118.62 | ug/L   | 91       |
| 49) Dibromochloromethane      | 11.128 | 129  | 337051   | 52.28  | ug/L   | 96       |
| 50) 1,2-Dibromoethane         | 11.238 | 107  | 280424   | 51.94  | ug/L   | 95       |
| 51) Chlorobenzene             | 11.658 | 112  | 1085661  | 49.83  | ug/L   | 99       |
| 52) Ethylbenzene              | 11.731 | 91   | 1946229  | 51.22  | ug/L   | 100      |
| 53) m,p-Xylene                | 11.841 | 106  | 750016   | 51.90  | ug/L   | 100      |
| 54) o-Xylene                  | 12.164 | 106  | 712952   | 52.11  | ug/L   | 96       |
| 55) Styrene                   | 12.183 | 104  | 1227490  | 52.53  | ug/L   | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 348835   | 52.92  | ug/L   | 99       |
| 59) Bromoform                 | 12.347 | 173  | 186912   | 51.63  | ug/L   | 95       |
| 60) Isopropylbenzene          | 12.463 | 105  | 2008233  | 52.90  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 255385   | 52.08  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 1655240  | 52.83  | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 1672183  | 53.19  | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 852875   | 50.70  | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 836813   | 48.92  | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 752184   | 49.74  | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 56496    | 55.57  | ug/L # | 82       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 616404   | 50.01  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 507453   | 50.60  | ug/L   | 97       |
| 71) Naphthalene               | 15.365 | 128  | 994653   | 55.49  | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 463829   | 53.21  | ug/L   | 93       |

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

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD050103

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