

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061621\  
 Data File : VW019228.D  
 Acq On : 16 Jun 2021 09:45  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025117

Quant Time: Jun 17 01:19:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060221SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 16 01:01:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 521230   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 481300   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 256182   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 129927   | 18.851   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 75.400%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 124744   | 21.250   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 85.000%  |
| 11) 1,1-Dichloroethene-d2     | 4.032  | 63    | 310720   | 22.690   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 90.760%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 70630    | 39.121   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 78.240%  |
| 24) Chloroform-d              | 7.653  | 84    | 318010   | 22.693   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 90.760%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 160568   | 20.427   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 81.720%  |
| 32) Benzene-d6                | 8.275  | 84    | 599704   | 21.870   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 87.480%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 183680   | 22.095   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 88.400%  |
| 41) Toluene-d8                | 10.323 | 98    | 541957   | 21.520   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 86.080%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 74087    | 20.577   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 82.320%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 56858    | 40.333   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 80.660%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 142604   | 20.795   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 83.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 178091   | 19.917   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 79.680%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.014  | 85    | 171136   | 25.343   | ug/L  | 94       |
| 3) Chloromethane              | 2.221  | 50    | 165604   | 26.525   | ug/L  | 97       |
| 5) Vinyl chloride             | 2.367  | 62    | 261432   | 27.431   | ug/L  | 97       |
| 6) Bromomethane               | 2.794  | 94    | 168094   | 23.720   | ug/L  | 98       |
| 8) Chloroethane               | 2.934  | 64    | 156980   | 27.707   | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 3.263  | 101   | 163315   | 31.223   | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.074  | 101   | 207116   | 27.684   | ug/L  | 98       |
| 12) 1,1-Dichloroethene        | 4.050  | 96    | 200687   | 27.153   | ug/L  | 90       |
| 13) Acetone                   | 4.147  | 43    | 93148    | 58.224   | ug/L  | 91       |
| 14) Carbon disulfide          | 4.391  | 76    | 610216   | 26.121   | ug/L  | 100      |
| 15) Methyl Acetate            | 4.678  | 43    | 66915    | 20.795   | ug/L  | 98       |
| 16) Methylene chloride        | 4.922  | 84    | 209633   | 21.675   | ug/L  | 94       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96    | 208850   | 26.228   | ug/L  | 98       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73    | 250170   | 24.303   | ug/L  | 98       |
| 19) 1,1-Dichloroethane        | 6.220  | 63    | 384145   | 27.179   | ug/L  | 97       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 214189   | 25.834   | ug/L  | 94       |
| 22) 2-Butanone                | 7.183  | 43    | 108628   | 50.783   | ug/L  | 99       |
| 23) Bromochloromethane        | 7.519  | 128   | 90024    | 24.682   | ug/L  | 94       |
| 25) Chloroform                | 7.677  | 83    | 388166   | 26.927   | ug/L  | 99       |

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 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 16 01:01:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 238703   | 24.453 | ug/L  | 99       |
| 29) Cyclohexane               | 7.958  | 56   | 346123   | 27.637 | ug/L  | 97       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 307327   | 27.750 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 283876   | 27.761 | ug/L  | 99       |
| 33) Benzene                   | 8.324  | 78   | 848706   | 26.809 | ug/L  | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 221737   | 26.869 | ug/L  | 94       |
| 35) Methylcyclohexane         | 9.336  | 83   | 396245   | 27.902 | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 206542   | 26.560 | ug/L  | 98       |
| 38) Bromodichloromethane      | 9.646  | 83   | 267981   | 26.567 | ug/L  | 95       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 312785   | 25.959 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 198465   | 42.853 | ug/L  | 96       |
| 42) Toluene                   | 10.390 | 91   | 912433   | 26.789 | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 10.610 | 75   | 268192   | 25.216 | ug/L  | 96       |
| 45) 1,1,2-Trichloroethane     | 10.787 | 97   | 140794   | 24.046 | ug/L  | 97       |
| 46) Tetrachloroethene         | 10.860 | 164  | 161783   | 25.646 | ug/L  | 97       |
| 48) 2-Hexanone                | 10.969 | 43   | 154944   | 49.768 | ug/L  | 95       |
| 49) Dibromochloromethane      | 11.128 | 129  | 160629   | 24.752 | ug/L  | 95       |
| 50) 1,2-Dibromoethane         | 11.238 | 107  | 130449   | 22.996 | ug/L  | 99       |
| 51) Chlorobenzene             | 11.658 | 112  | 547445   | 26.039 | ug/L  | 98       |
| 52) Ethylbenzene              | 11.731 | 91   | 1024708  | 27.349 | ug/L  | 97       |
| 53) m,p-Xylene                | 11.841 | 106  | 379013   | 27.431 | ug/L  | 92       |
| 54) o-Xylene                  | 12.164 | 106  | 355796   | 27.032 | ug/L  | 92       |
| 55) Styrene                   | 12.183 | 104  | 604714   | 26.716 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 168529   | 23.356 | ug/L  | 98       |
| 59) Bromoform                 | 12.347 | 173  | 82904    | 21.006 | ug/L  | 96       |
| 60) Isopropylbenzene          | 12.463 | 105  | 1004219  | 26.183 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 121470   | 21.194 | ug/L  | 97       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 818587   | 25.986 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 829439   | 26.377 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 422951   | 25.267 | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 416254   | 24.319 | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 360978   | 23.961 | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 25504    | 20.328 | ug/L  | 96       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 299400   | 24.756 | ug/L  | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.133 | 180  | 240360   | 24.215 | ug/L  | 100      |
| 71) Naphthalene               | 15.365 | 128  | 450081   | 22.743 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 203790   | 23.172 | ug/L  | 97       |

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

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