

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW022321\  
 Data File : VW018224.D  
 Acq On : 23 Feb 2021 12:24  
 Operator : SY/VA  
 Sample : VSTD05002  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD050102

Quant Time: Feb 23 13:41:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM022321SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Feb 23 13:38:04 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114  | 427019   | 25.00 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117  | 390008   | 25.00 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152  | 194981   | 25.00 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65   | 235475   | 33.35 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.898  | 69   | 185054   | 31.12 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.032  | 63   | 477954   | 39.80 | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.074  | 46   | 98857    | 59.29 | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.647  | 84   | 498233   | 40.70 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65   | 240266   | 35.31 | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.275  | 84   | 992217   | 43.66 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67   | 270852   | 42.06 | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 946265   | 44.18 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79   | 124650   | 43.75 | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.921 | 63   | 87061    | 78.50 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84   | 208659   | 35.16 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 340652   | 47.43 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.014  | 85   | 259982   | 49.48 | ug/L   | 96       |
| 3) Chloromethane              | 2.221  | 50   | 197306   | 38.12 | ug/L   | 100      |
| 5) Vinyl chloride             | 2.367  | 62   | 281382   | 37.38 | ug/L   | 99       |
| 6) Bromomethane               | 2.788  | 94   | 196449   | 30.12 | ug/L   | 100      |
| 8) Chloroethane               | 2.928  | 64   | 163150   | 34.03 | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 3.263  | 101  | 220663   | 44.95 | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068  | 101  | 280135   | 45.16 | ug/L   | 89       |
| 12) 1,1-Dichloroethene        | 4.044  | 96   | 271234   | 47.12 | ug/L   | 90       |
| 13) Acetone                   | 4.117  | 43   | 65701    | 57.65 | ug/L   | 88       |
| 14) Carbon disulfide          | 4.391  | 76   | 804097   | 47.45 | ug/L   | 100      |
| 15) Methyl Acetate            | 4.666  | 43   | 87460    | 29.82 | ug/L   | 94       |
| 16) Methylene chloride        | 4.922  | 84   | 259958   | 37.32 | ug/L   | 86       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96   | 291108   | 47.01 | ug/L   | 90       |
| 18) Methyl tert-butyl Ether   | 5.422  | 73   | 277422   | 39.12 | ug/L # | 94       |
| 19) 1,1-Dichloroethane        | 6.220  | 63   | 453992   | 43.30 | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96   | 302433   | 46.69 | ug/L   | 90       |
| 22) 2-Butanone                | 7.165  | 43   | 109353   | 58.55 | ug/L   | 94       |
| 23) Bromochloromethane        | 7.513  | 128  | 141231   | 47.22 | ug/L # | 79       |
| 25) Chloroform                | 7.677  | 83   | 490424   | 43.43 | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 288193   | 37.27 | ug/L # | 93       |
| 29) Cyclohexane               | 7.958  | 56   | 414607   | 44.85 | ug/L   | 95       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 401555   | 45.18 | ug/L   | 95       |
| 31) Carbon tetrachloride      | 8.074  | 117  | 394817   | 46.26 | ug/L   | 98       |
| 33) Benzene                   | 8.323  | 78   | 1061800  | 45.16 | ug/L   | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 299772   | 46.42 | ug/L   | 92       |
| 35) Methylcyclohexane         | 9.335  | 83   | 502109   | 46.76 | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 246094   | 43.21 | ug/L   | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 351112   | 44.58 | ug/L   | 95       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 412261   | 47.79 | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 247046   | 66.30 | ug/L # | 90       |
| 42) Toluene                   | 10.390 | 91   | 1193720  | 46.53 | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 349759   | 46.50 | ug/L   | 98       |

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 Operator : SY/VA  
 Sample : VSTD05002  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD050102

Quant Time: Feb 23 13:41:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM022321SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Feb 23 13:38:04 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 197656   | 42.38 | ug/L   | 98       |
| 46) Tetrachloroethene         | 10.866 | 164  | 264148   | 53.00 | ug/L   | 94       |
| 48) 2-Hexanone                | 10.969 | 43   | 169766   | 67.82 | ug/L # | 90       |
| 49) Dibromochloromethane      | 11.128 | 129  | 249865   | 47.04 | ug/L   | 93       |
| 50) 1,2-Dibromoethane         | 11.232 | 107  | 192270   | 42.07 | ug/L # | 96       |
| 51) Chlorobenzene             | 11.652 | 112  | 780787   | 47.03 | ug/L   | 97       |
| 52) Ethylbenzene              | 11.731 | 91   | 1364556  | 47.65 | ug/L   | 100      |
| 53) m,p-Xylene                | 11.835 | 106  | 515032   | 46.61 | ug/L   | 99       |
| 54) o-Xylene                  | 12.164 | 106  | 504095   | 48.94 | ug/L   | 93       |
| 55) Styrene                   | 12.183 | 104  | 846760   | 48.18 | ug/L   | 93       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 213574   | 37.18 | ug/L   | 99       |
| 59) Bromoform                 | 12.347 | 173  | 145386   | 48.94 | ug/L   | 99       |
| 60) Isopropylbenzene          | 12.463 | 105  | 1375750  | 48.93 | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 156544   | 36.57 | ug/L   | 96       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 1157074  | 50.48 | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 1168618  | 51.42 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 640985   | 52.10 | ug/L   | 94       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 632065   | 50.46 | ug/L   | 93       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 567722   | 49.71 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 34819    | 37.24 | ug/L # | 76       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 498601   | 56.85 | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 410248   | 55.82 | ug/L   | 97       |
| 71) Naphthalene               | 15.365 | 128  | 730354   | 47.04 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 353430   | 53.27 | ug/L   | 97       |
| -----                         |        |      |          |       |        |          |

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

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