

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW081621\  
 Data File : VW021782.D  
 Acq On : 16 Aug 2021 10:44  
 Operator : SY/MD  
 Sample : VSTD10041  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD100241

Quant Time: Aug 17 03:52:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 17 03:48:43 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114  | 448931   | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117  | 424479   | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152  | 235678   | 50.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65   | 364634   | 100.323 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.555  | 69   | 268848   | 100.003 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63   | 567466   | 86.733  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 3.870  | 46   | 452798   | 244.757 | ug/L   | 0.00     |
| 24) Chloroform-d              | 4.346  | 84   | 624514   | 97.072  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65   | 362081   | 90.646  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.047  | 84   | 1273137  | 111.885 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67   | 395807   | 115.007 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.317  | 98   | 1183116  | 108.949 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.619  | 79   | 199331   | 108.554 | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 8.088  | 63   | 284330   | 219.237 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84   | 516808   | 103.270 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152  | 487619   | 104.778 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127  | 85   | 342685   | 78.564  | ug/L   | 100      |
| 3) Chloromethane              | 1.240  | 50   | 347287   | 89.302  | ug/L   | 99       |
| 5) Vinyl chloride             | 1.307  | 62   | 344699   | 87.498  | ug/L   | 99       |
| 6) Bromomethane               | 1.503  | 94   | 214673   | 80.914  | ug/L   | 99       |
| 8) Chloroethane               | 1.574  | 64   | 203206   | 86.396  | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.745  | 101  | 478131   | 71.344  | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101  | 277212   | 81.103  | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 2.111  | 96   | 259079   | 82.924  | ug/L   | 90       |
| 13) Acetone                   | 2.156  | 43   | 401828   | 226.224 | ug/L # | 100      |
| 14) Carbon disulfide          | 2.288  | 76   | 910977   | 101.099 | ug/L   | 100      |
| 15) Methyl Acetate            | 2.423  | 43   | 343825   | 115.764 | ug/L   | 99       |
| 16) Methylene chloride        | 2.503  | 84   | 338940   | 98.541  | ug/L   | 99       |
| 17) trans-1,2-Dichloroethene  | 2.754  | 96   | 320473   | 101.927 | ug/L   | 100      |
| 18) Methyl tert-butyl Ether   | 2.764  | 73   | 989456   | 102.444 | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.188  | 63   | 563167   | 99.413  | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.908  | 96   | 353602   | 104.588 | ug/L   | 97       |
| 22) 2-Butanone                | 3.950  | 43   | 511933   | 240.450 | ug/L   | 97       |
| 23) Bromochloromethane        | 4.243  | 128  | 186336   | 97.317  | ug/L   | 98       |
| 25) Chloroform                | 4.371  | 83   | 571906   | 91.481  | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 410711   | 84.099  | ug/L   | 100      |
| 29) Cyclohexane               | 4.677  | 56   | 518793   | 114.524 | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 4.606  | 97   | 516998   | 91.310  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.828  | 117  | 457536   | 88.839  | ug/L   | 100      |
| 33) Benzene                   | 5.098  | 78   | 1280709  | 104.717 | ug/L   | 100      |
| 34) Trichloroethene           | 5.912  | 95   | 350447   | 103.559 | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.130  | 83   | 550170   | 109.031 | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 324418   | 107.912 | ug/L   | 100      |
| 38) Bromodichloromethane      | 6.510  | 83   | 437250   | 96.322  | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 537980   | 111.275 | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 886946   | 237.046 | ug/L   | 99       |
| 42) Toluene                   | 7.387  | 91   | 1376593  | 103.844 | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 509731   | 103.096 | ug/L   | 99       |

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|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 322450   | 99.844  | ug/L  | 99       |
| 46) Tetrachloroethene         | 7.976  | 164  | 276470   | 94.304  | ug/L  | 98       |
| 48) 2-Hexanone                | 8.140  | 43   | 696514   | 238.067 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.246  | 129  | 373057   | 96.136  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 353049   | 101.304 | ug/L  | 99       |
| 51) Chlorobenzene             | 8.883  | 112  | 892908   | 98.344  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.014  | 91   | 1488898  | 102.254 | ug/L  | 100      |
| 53) m,p-Xylene                | 9.140  | 106  | 582118   | 104.936 | ug/L  | 100      |
| 54) o-Xylene                  | 9.545  | 106  | 567390   | 103.608 | ug/L  | 100      |
| 55) Styrene                   | 9.561  | 104  | 982056   | 106.478 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 485962   | 96.762  | ug/L  | 99       |
| 59) Bromoform                 | 9.731  | 173  | 283153   | 96.304  | ug/L  | 100      |
| 60) Isopropylbenzene          | 9.934  | 105  | 1506110  | 103.564 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 394359   | 96.270  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.542 | 105  | 1288708  | 104.769 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 1318619  | 107.025 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 734626   | 101.982 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 734673   | 99.532  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 735019   | 98.874  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 109166   | 92.153  | ug/L  | 95       |
| 69) 1,3,5-Trichlorobenzene    | 12.648 | 180  | 566197   | 102.272 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 489003   | 107.268 | ug/L  | 99       |
| 71) Naphthalene               | 13.503 | 128  | 1465314  | 115.142 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 476557   | 103.727 | ug/L  | 100      |

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

