

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW071921\  
 Data File : VW021678.D  
 Acq On : 19 Jul 2021 13:25  
 Operator : SY/MD  
 Sample : VSTD05027  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD050227

Quant Time: Jul 20 01:28:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 20 01:26:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114  | 434836   | 50.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117  | 406968   | 50.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152  | 213578   | 50.000 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65   | 150075   | 53.477 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.558  | 69   | 115926   | 51.440 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63   | 238079   | 47.279 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 3.873  | 46   | 233133   | 99.525 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.349  | 84   | 280647   | 48.689 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65   | 168083   | 49.438 | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.050  | 84   | 571701   | 49.363 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67   | 177683   | 48.564 | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.317  | 98   | 529783   | 49.359 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79   | 89787    | 49.378 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.088  | 63   | 165816   | 98.672 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84   | 244212   | 49.974 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152  | 211304   | 48.966 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127  | 85   | 119106   | 32.912 | ug/L  | 100      |
| 3) Chloromethane              | 1.240  | 50   | 119558   | 34.355 | ug/L  | 100      |
| 5) Vinyl chloride             | 1.307  | 62   | 119650   | 34.332 | ug/L  | 99       |
| 6) Bromomethane               | 1.507  | 94   | 73104    | 38.750 | ug/L  | 98       |
| 8) Chloroethane               | 1.577  | 64   | 71834    | 35.966 | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 1.748  | 101  | 165993   | 37.066 | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114  | 101  | 92849    | 36.616 | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.114  | 96   | 87752    | 36.136 | ug/L  | 92       |
| 13) Acetone                   | 2.159  | 43   | 119020   | 65.633 | ug/L  | 99       |
| 14) Carbon disulfide          | 2.291  | 76   | 262559   | 31.322 | ug/L  | 99       |
| 15) Methyl Acetate            | 2.426  | 43   | 128027   | 36.109 | ug/L  | 100      |
| 16) Methylene chloride        | 2.503  | 84   | 123616   | 37.102 | ug/L  | 99       |
| 17) trans-1,2-Dichloroethene  | 2.757  | 96   | 105732   | 35.688 | ug/L  | 100      |
| 18) Methyl tert-butyl Ether   | 2.767  | 73   | 356776   | 36.854 | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 3.188  | 63   | 201081   | 37.003 | ug/L  | 98       |
| 20) cis-1,2-Dichloroethene    | 3.912  | 96   | 121142   | 36.502 | ug/L  | 99       |
| 22) 2-Butanone                | 3.957  | 43   | 187623   | 72.418 | ug/L  | 98       |
| 23) Bromochloromethane        | 4.249  | 128  | 64105    | 36.627 | ug/L  | 98       |
| 25) Chloroform                | 4.378  | 83   | 207189   | 37.341 | ug/L  | 97       |
| 27) 1,2-Dichloroethane        | 5.133  | 62   | 151648   | 37.769 | ug/L  | 99       |
| 29) Cyclohexane               | 4.677  | 56   | 169183   | 33.600 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 4.609  | 97   | 182671   | 36.032 | ug/L  | 100      |
| 31) Carbon tetrachloride      | 4.828  | 117  | 158077   | 35.656 | ug/L  | 99       |
| 33) Benzene                   | 5.101  | 78   | 450835   | 36.718 | ug/L  | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 118962   | 35.915 | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.133  | 83   | 173899   | 33.422 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 115678   | 36.021 | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.513  | 83   | 158421   | 36.791 | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 183268   | 34.900 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 349260   | 74.585 | ug/L  | 100      |
| 42) Toluene                   | 7.391  | 91   | 484641   | 36.888 | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 180856   | 36.903 | ug/L  | 99       |

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 Sample : VSTD05027  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 VSTD050227

Quant Time: Jul 20 01:28:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 20 01:26:08 2021  
 Response via : Initial Calibration

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|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 118459   | 37.674 | ug/L  | 99       |
| 46) Tetrachloroethene         | 7.979  | 164  | 92048    | 35.043 | ug/L  | 98       |
| 48) 2-Hexanone                | 8.140  | 43   | 271016   | 73.545 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.249  | 129  | 134783   | 37.462 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 126297   | 36.817 | ug/L  | 98       |
| 51) Chlorobenzene             | 8.883  | 112  | 314717   | 36.780 | ug/L  | 99       |
| 52) Ethylbenzene              | 9.014  | 91   | 513802   | 36.039 | ug/L  | 99       |
| 53) m,p-Xylene                | 9.140  | 106  | 201834   | 36.885 | ug/L  | 96       |
| 54) o-Xylene                  | 9.545  | 106  | 200652   | 36.736 | ug/L  | 100      |
| 55) Styrene                   | 9.561  | 104  | 344749   | 37.295 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 186387   | 38.128 | ug/L  | 99       |
| 59) Bromoform                 | 9.735  | 173  | 98501    | 36.271 | ug/L  | 97       |
| 60) Isopropylbenzene          | 9.934  | 105  | 524468   | 36.268 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 152567   | 37.147 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.542 | 105  | 447393   | 36.316 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 452719   | 36.367 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 250843   | 36.867 | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 247590   | 36.330 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 255934   | 37.469 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 42941    | 35.870 | ug/L  | 96       |
| 69) 1,3,5-Trichlorobenzene    | 12.648 | 180  | 185325   | 36.496 | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 158514   | 36.190 | ug/L  | 99       |
| 71) Naphthalene               | 13.503 | 128  | 477434   | 35.752 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 160129   | 36.774 | ug/L  | 98       |
| -----                         |        |      |          |        |       |          |

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

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