

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012721\  
 Data File : VW020174.D  
 Acq On : 26 Jan 2021 15:47  
 Operator : SY/MD  
 Sample : VSTD10065  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD100165

Quant Time: Jan 27 06:57:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM012721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 27 06:49:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.621  | 114  | 966110   | 50.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.855  | 117  | 940880   | 50.00  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.257 | 152  | 459241   | 50.00  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.306  | 65   | 677786   | 105.49 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.569  | 69   | 544045   | 104.15 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.110  | 63   | 1145413  | 118.25 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 3.885  | 46   | 955074   | 210.79 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.351  | 84   | 1279838  | 105.59 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.036  | 65   | 822246   | 105.35 | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.055  | 84   | 2445106  | 104.81 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.074  | 67   | 767669   | 105.12 | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.318  | 98   | 2286750  | 105.10 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.624  | 79   | 404055   | 109.96 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.090  | 63   | 735597   | 211.98 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.222 | 84   | 1089265  | 108.20 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.630 | 152  | 883818   | 106.07 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.129  | 85   | 662705   | 100.60 | ug/L  | 100      |
| 3) Chloromethane              | 1.242  | 50   | 735088   | 99.40  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.312  | 62   | 680214   | 101.00 | ug/L  | 99       |
| 6) Bromomethane               | 1.524  | 94   | 374983   | 101.46 | ug/L  | 99       |
| 8) Chloroethane               | 1.586  | 64   | 423062   | 100.33 | ug/L  | 97       |
| 9) Trichlorofluoromethane     | 1.753  | 101  | 994752   | 101.33 | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.119  | 101  | 536727   | 116.03 | ug/L  | 96       |
| 12) 1,1-Dichloroethene        | 2.119  | 96   | 518980   | 118.14 | ug/L  | 92       |
| 13) Acetone                   | 2.180  | 43   | 580893   | 272.81 | ug/L  | 96       |
| 14) Carbon disulfide          | 2.296  | 76   | 1522301  | 125.51 | ug/L  | 100      |
| 15) Methyl Acetate            | 2.434  | 43   | 650930   | 127.71 | ug/L  | 97       |
| 16) Methylene chloride        | 2.508  | 84   | 615950   | 119.75 | ug/L  | 94       |
| 17) trans-1,2-Dichloroethene  | 2.762  | 96   | 580432   | 112.73 | ug/L  | 96       |
| 18) Methyl tert-butyl Ether   | 2.769  | 73   | 1912934  | 117.65 | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 3.193  | 63   | 1092939  | 101.26 | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 3.913  | 96   | 649828   | 103.13 | ug/L  | 98       |
| 22) 2-Butanone                | 3.968  | 43   | 933548   | 206.74 | ug/L  | 98       |
| 23) Bromochloromethane        | 4.251  | 128  | 343412   | 101.76 | ug/L  | 98       |
| 25) Chloroform                | 4.380  | 83   | 1150744  | 102.63 | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 5.132  | 62   | 910747   | 100.50 | ug/L  | 99       |
| 29) Cyclohexane               | 4.682  | 56   | 939081   | 103.17 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 4.611  | 97   | 1022141  | 102.50 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.833  | 117  | 896071   | 103.10 | ug/L  | 99       |
| 33) Benzene                   | 5.103  | 78   | 2396418  | 100.53 | ug/L  | 100      |
| 34) Trichloroethene           | 5.917  | 95   | 650102   | 102.62 | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.135  | 83   | 978226   | 103.62 | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.177  | 63   | 630221   | 101.14 | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.515  | 83   | 876715   | 103.67 | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 7.029  | 75   | 1051577  | 105.66 | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.228  | 43   | 1830996  | 201.20 | ug/L  | 99       |
| 42) Toluene                   | 7.392  | 91   | 2592240  | 100.97 | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.653  | 75   | 1020335  | 106.17 | ug/L  | 100      |

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 Sample : VSTD10065  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD100165

Quant Time: Jan 27 06:57:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM012721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 27 06:49:29 2021  
 Response via : Initial Calibration

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|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| 45) 1,1,2-Trichloroethane     | 7.843  | 97   | 629428   | 101.34 | ug/L  | 97       |
| 46) Tetrachloroethene         | 7.978  | 164  | 546105   | 101.90 | ug/L  | 98       |
| 48) 2-Hexanone                | 8.142  | 43   | 1411492  | 200.37 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.251  | 129  | 734387   | 104.81 | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.357  | 107  | 685655   | 102.17 | ug/L  | 99       |
| 51) Chlorobenzene             | 8.884  | 112  | 1740605  | 101.86 | ug/L  | 99       |
| 52) Ethylbenzene              | 9.016  | 91   | 2959569  | 102.37 | ug/L  | 99       |
| 53) m,p-Xylene                | 9.142  | 106  | 1129504  | 102.86 | ug/L  | 99       |
| 54) o-Xylene                  | 9.550  | 106  | 1118906  | 104.97 | ug/L  | 97       |
| 55) Styrene                   | 9.566  | 104  | 1962584  | 102.93 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.248 | 83   | 1016908  | 104.01 | ug/L  | 100      |
| 59) Bromoform                 | 9.736  | 173  | 586305   | 123.30 | ug/L  | 100      |
| 60) Isopropylbenzene          | 9.936  | 105  | 2986553  | 132.23 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.280 | 75   | 735762   | 104.59 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.543 | 105  | 2497999  | 126.33 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.920 | 105  | 2159064  | 105.26 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.186 | 146  | 1296421  | 101.43 | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.280 | 146  | 1319685  | 101.40 | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 11.649 | 146  | 1303714  | 102.19 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.434 | 75   | 200315   | 91.84  | ug/L  | 87       |
| 69) 1,3,5-Trichlorobenzene    | 12.653 | 180  | 1137951  | 107.60 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.270 | 180  | 1064905  | 107.46 | ug/L  | 99       |
| 71) Naphthalene               | 13.508 | 128  | 3050406  | 103.16 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.752 | 180  | 1051380  | 107.25 | ug/L  | 99       |
| -----                         |        |      |          |        |       |          |

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

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