

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW052721\  
 Data File : VW021437.D  
 Acq On : 27 May 2021 10:26  
 Operator : SY/MD  
 Sample : VSTD00565  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005165

Quant Time: May 28 02:38:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM052721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 28 02:37:39 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114  | 534818   | 50.00 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117  | 493224   | 50.00 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152  | 278637   | 50.00 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65   | 18255    | 7.06  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.568  | 69   | 14212    | 6.41  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63   | 32017    | 4.94  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 3.902  | 46   | 22766    | 11.21 | ug/L   | 0.02     |
| 24) Chloroform-d              | 4.352  | 84   | 36037    | 4.88  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65   | 20568    | 3.88  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.050  | 84   | 70945    | 6.04  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67   | 21980    | 6.92  | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.317  | 98   | 68692    | 5.74  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79   | 11442    | 5.24  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 8.095  | 63   | 18350    | 12.58 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84   | 30532    | 6.21  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152  | 30369    | 5.48  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127  | 85   | 19673    | 4.67  | ug/L   | 96       |
| 3) Chloromethane              | 1.240  | 50   | 20439    | 7.32  | ug/L   | 99       |
| 5) Vinyl chloride             | 1.310  | 62   | 19737    | 5.88  | ug/L   | 96       |
| 6) Bromomethane               | 1.523  | 94   | 14053    | 5.49  | ug/L   | 97       |
| 8) Chloroethane               | 1.584  | 64   | 12139    | 5.78  | ug/L   | 95       |
| 9) Trichlorofluoromethane     | 1.751  | 101  | 30216    | 3.81  | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.117  | 101  | 17668    | 4.84  | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.117  | 96   | 16729    | 5.05  | ug/L   | 97       |
| 13) Acetone                   | 2.175  | 43   | 26611    | 11.97 | ug/L # | 85       |
| 14) Carbon disulfide          | 2.294  | 76   | 53473    | 6.17  | ug/L   | 99       |
| 15) Methyl Acetate            | 2.436  | 43   | 19098    | 6.61  | ug/L   | 94       |
| 16) Methylene chloride        | 2.507  | 84   | 22535    | 6.43  | ug/L   | 98       |
| 17) trans-1,2-Dichloroethene  | 2.761  | 96   | 18217    | 5.34  | ug/L   | 93       |
| 18) Methyl tert-butyl Ether   | 2.767  | 73   | 59809    | 5.04  | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.188  | 63   | 34550    | 5.84  | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.912  | 96   | 21321    | 5.70  | ug/L   | 96       |
| 22) 2-Butanone                | 3.989  | 43   | 27904    | 12.22 | ug/L   | 100      |
| 23) Bromochloromethane        | 4.249  | 128  | 11546    | 5.46  | ug/L   | 96       |
| 25) Chloroform                | 4.375  | 83   | 35266    | 4.75  | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 5.133  | 62   | 23882    | 3.68  | ug/L   | 94       |
| 29) Cyclohexane               | 4.677  | 56   | 30744    | 6.92  | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 4.606  | 97   | 32791    | 4.46  | ug/L   | 100      |
| 31) Carbon tetrachloride      | 4.828  | 117  | 29593    | 4.32  | ug/L   | 100      |
| 33) Benzene                   | 5.101  | 78   | 75623    | 5.87  | ug/L   | 100      |
| 34) Trichloroethene           | 5.918  | 95   | 20410    | 5.04  | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.130  | 83   | 33253    | 6.14  | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 19676    | 6.84  | ug/L # | 97       |
| 38) Bromodichloromethane      | 6.510  | 83   | 27043    | 4.87  | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 31448    | 5.88  | ug/L   | 97       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 49720    | 12.48 | ug/L   | 100      |
| 42) Toluene                   | 7.387  | 91   | 85450    | 5.75  | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 29439    | 5.21  | ug/L   | 97       |

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 Sample : VSTD00565  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005165

Quant Time: May 28 02:38:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM052721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 28 02:37:39 2021  
 Response via : Initial Calibration

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|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 19522    | 5.62  | ug/L  | 98       |
| 46) Tetrachloroethene         | 7.976  | 164  | 18801    | 5.38  | ug/L  | 99       |
| 48) 2-Hexanone                | 8.143  | 43   | 39146    | 12.43 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.246  | 129  | 24640    | 5.13  | ug/L  | 92       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 21480    | 5.54  | ug/L  | 99       |
| 51) Chlorobenzene             | 8.882  | 112  | 55851    | 5.48  | ug/L  | 97       |
| 52) Ethylbenzene              | 9.014  | 91   | 93112    | 5.49  | ug/L  | 97       |
| 53) m,p-Xylene                | 9.140  | 106  | 34759    | 5.23  | ug/L  | 97       |
| 54) o-Xylene                  | 9.545  | 106  | 35139    | 5.48  | ug/L  | 97       |
| 55) Styrene                   | 9.561  | 104  | 60950    | 5.56  | ug/L  | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 30646    | 6.31  | ug/L  | 98       |
| 59) Bromoform                 | 9.731  | 173  | 19443    | 5.17  | ug/L  | 99       |
| 60) Isopropylbenzene          | 9.931  | 105  | 92980    | 5.25  | ug/L  | 98       |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 23656    | 5.20  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 80185    | 5.22  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 80641    | 5.22  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 45765    | 5.28  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 47493    | 5.35  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 47095    | 5.40  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 6962     | 4.56  | ug/L  | 95       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 37763    | 5.54  | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 31201    | 5.53  | ug/L  | 98       |
| 71) Naphthalene               | 13.503 | 128  | 79482    | 5.11  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 30579    | 5.39  | ug/L  | 98       |
| -----                         |        |      |          |       |       |          |

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

