

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW050321\  
 Data File : VW021237.D  
 Acq On : 03 May 2021 11:12  
 Operator : SY/MD  
 Sample : VSTD20062  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD200162

Manual Integrations  
 APPROVED

MMDadoda  
 5/4/2021 11:52:07 AM

Quant Time: May 03 18:45:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon May 03 18:24:52 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114  | 800354   | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857  | 117  | 797964   | 50.00  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.255 | 152  | 492060   | 50.00  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65   | 717857   | 119.59 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.568  | 69   | 622972   | 137.79 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63   | 1915122  | 164.63 | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 3.896  | 46   | 1228839  | 392.28 | ug/L   | 0.00     |
| 24) Chloroform-d              | 4.349  | 84   | 2236592  | 191.63 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65   | 1696927  | 222.19 | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.053  | 84   | 3626900  | 174.68 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67   | 931070   | 154.23 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.320  | 98   | 3809040  | 188.45 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79   | 762118m  | 218.92 | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 8.095  | 63   | 1024319  | 420.89 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220 | 84   | 1594097  | 174.16 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.632 | 152  | 1926475  | 198.31 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.130  | 85   | 1225241  | 160.20 | ug/L   | 99       |
| 3) Chloromethane              | 1.243  | 50   | 745784   | 118.22 | ug/L   | 97       |
| 5) Vinyl chloride             | 1.311  | 62   | 921011   | 139.89 | ug/L   | 99       |
| 6) Bromomethane               | 1.523  | 94   | 739214   | 161.39 | ug/L   | 100      |
| 8) Chloroethane               | 1.587  | 64   | 591617   | 148.53 | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 1.754  | 101  | 2348301  | 187.96 | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114  | 101  | 1057018  | 173.95 | ug/L   | 95       |
| 12) 1,1-Dichloroethene        | 2.114  | 96   | 969191   | 176.35 | ug/L   | 99       |
| 13) Acetone                   | 2.198  | 43   | 1157469  | 385.13 | ug/L   | 75       |
| 14) Carbon disulfide          | 2.291  | 76   | 2439292  | 163.75 | ug/L   | 100      |
| 15) Methyl Acetate            | 2.436  | 43   | 823201   | 174.88 | ug/L   | 93       |
| 16) Methylene chloride        | 2.507  | 84   | 966622   | 167.68 | ug/L   | 96       |
| 17) trans-1,2-Dichloroethene  | 2.757  | 96   | 987519   | 186.24 | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 2.770  | 73   | 3612182  | 214.48 | ug/L # | 91       |
| 19) 1,1-Dichloroethane        | 3.191  | 63   | 1692725  | 177.64 | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 3.912  | 96   | 1108870m | 194.45 | ug/L   |          |
| 22) 2-Butanone                | 3.976  | 43   | 1291531  | 387.69 | ug/L   | 90       |
| 23) Bromochloromethane        | 4.249  | 128  | 630363   | 190.47 | ug/L   | 87       |
| 25) Chloroform                | 4.378  | 83   | 2188246  | 197.70 | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 5.133  | 62   | 2050816  | 225.50 | ug/L   | 97       |
| 29) Cyclohexane               | 4.680  | 56   | 1294674  | 168.32 | ug/L   | 86       |
| 30) 1,1,1-Trichloroethane     | 4.609  | 97   | 2351133  | 215.24 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.831  | 117  | 2198067  | 219.47 | ug/L   | 98       |
| 33) Benzene                   | 5.101  | 78   | 3852366  | 178.34 | ug/L   | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 1213617  | 199.40 | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.133  | 83   | 1675215  | 187.05 | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 838441   | 164.36 | ug/L # | 95       |
| 38) Bromodichloromethane      | 6.513  | 83   | 1781006  | 209.70 | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 7.031  | 75   | 1760835  | 203.99 | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 2533819  | 398.32 | ug/L # | 95       |
| 42) Toluene                   | 7.391  | 91   | 4639519  | 194.90 | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 1983783  | 218.63 | ug/L   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW050321\  
 Data File : VW021237.D  
 Acq On : 03 May 2021 11:12  
 Operator : SY/MD  
 Sample : VSTD20062  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD200162

Manual Integrations  
 APPROVED

MMDadoda  
 5/4/2021 11:52:07 AM

Quant Time: May 03 18:45:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon May 03 18:24:52 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 1065202  | 184.57 | ug/L   | 95       |
| 46) Tetrachloroethene         | 7.979  | 164  | 1067044  | 195.17 | ug/L   | 96       |
| 48) 2-Hexanone                | 8.146  | 43   | 2114991  | 420.79 | ug/L   | 94       |
| 49) Dibromochloromethane      | 8.249  | 129  | 1570680  | 216.09 | ug/L   | 98       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 1224895  | 194.81 | ug/L   | 96       |
| 51) Chlorobenzene             | 8.886  | 112  | 3223879  | 195.22 | ug/L   | 98       |
| 52) Ethylbenzene              | 9.018  | 91   | 5545961  | 208.07 | ug/L   | 100      |
| 53) m,p-Xylene                | 9.143  | 106  | 2150617  | 211.20 | ug/L   | 97       |
| 54) o-Xylene                  | 9.548  | 106  | 2118695  | 212.03 | ug/L   | 95       |
| 55) Styrene                   | 9.564  | 104  | 3747760  | 222.69 | ug/L   | 95       |
| 57) 1,1,2,2-Tetrachloroethane | 10.246 | 83   | 1554921  | 175.18 | ug/L # | 98       |
| 59) Bromoform                 | 9.735  | 173  | 1287607  | 212.60 | ug/L   | 100      |
| 60) Isopropylbenzene          | 9.937  | 105  | 5997960  | 204.76 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 10.278 | 75   | 1477614  | 181.71 | ug/L   | 95       |
| 62) 1,3,5-Trimethylbenzene    | 10.545 | 105  | 5474584  | 217.87 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 10.921 | 105  | 5528510  | 220.94 | ug/L   | 96       |
| 64) 1,3-Dichlorobenzene       | 11.188 | 146  | 2960824  | 203.42 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.278 | 146  | 2992570  | 200.72 | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 11.651 | 146  | 2957890  | 196.48 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.435 | 75   | 599464   | 236.74 | ug/L   | 89       |
| 69) 1,3,5-Trichlorobenzene    | 12.651 | 180  | 2392612  | 210.73 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.268 | 180  | 2148517  | 230.67 | ug/L   | 97       |
| 71) Naphthalene               | 13.509 | 128  | 6466444  | 253.23 | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.751 | 180  | 2113945  | 224.82 | ug/L   | 98       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050321\  
Data File : VV021237.D  
Acq On : 03 May 2021 11:12  
Operator : SY/MD  
Sample : VSTD20062  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD200162

Manual Integrations  
APPROVED

MMDadoda  
5/4/2021 11:52:07 AM

Quant Time: May 03 18:45:09 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050321WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon May 03 18:24:52 2021  
Response via : Initial Calibration

