

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW062921\  
 Data File : VW021572.D  
 Acq On : 29 Jun 2021 10:19  
 Operator : SY/MD  
 Sample : VSTD01061  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD010161

Quant Time: Jun 30 03:56:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 30 03:55:26 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114  | 502035   | 50.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117  | 462096   | 50.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152  | 233962   | 50.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65   | 30617    | 9.313  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.568  | 69   | 25993    | 10.399 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63   | 58128    | 10.185 | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 3.912  | 46   | 52861    | 21.496 | ug/L   | 0.01     |
| 24) Chloroform-d              | 4.352  | 84   | 64350    | 9.725  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.040  | 65   | 38057    | 9.933  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.056  | 84   | 126686   | 9.788  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.076  | 67   | 39771    | 9.940  | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.320  | 98   | 117603   | 9.601  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79   | 19867    | 9.400  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 8.095  | 63   | 36061    | 19.442 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84   | 54079    | 9.754  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152  | 46587    | 9.637  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127  | 85   | 43711    | 11.907 | ug/L   | 99       |
| 3) Chloromethane              | 1.240  | 50   | 41772    | 11.541 | ug/L   | 98       |
| 5) Vinyl chloride             | 1.311  | 62   | 41796    | 11.398 | ug/L   | 98       |
| 6) Bromomethane               | 1.523  | 94   | 26767    | 10.728 | ug/L   | 99       |
| 8) Chloroethane               | 1.584  | 64   | 24008    | 11.408 | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 1.751  | 101  | 52775    | 10.009 | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114  | 101  | 30549    | 9.954  | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.118  | 96   | 29109    | 9.870  | ug/L   | 97       |
| 13) Acetone                   | 2.192  | 43   | 46868    | 22.139 | ug/L # | 100      |
| 14) Carbon disulfide          | 2.294  | 76   | 102668   | 10.837 | ug/L   | 99       |
| 15) Methyl Acetate            | 2.439  | 43   | 43786    | 11.962 | ug/L   | 96       |
| 16) Methylene chloride        | 2.507  | 84   | 39917    | 10.674 | ug/L   | 98       |
| 17) trans-1,2-Dichloroethene  | 2.764  | 96   | 34804    | 10.246 | ug/L   | 98       |
| 18) Methyl tert-butyl Ether   | 2.770  | 73   | 114061   | 10.515 | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.192  | 63   | 63940    | 10.556 | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.918  | 96   | 38427    | 10.096 | ug/L   | 100      |
| 22) 2-Butanone                | 3.992  | 43   | 58165    | 21.535 | ug/L   | 93       |
| 23) Bromochloromethane        | 4.256  | 128  | 20540    | 9.851  | ug/L   | 95       |
| 25) Chloroform                | 4.381  | 83   | 65626    | 10.476 | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 5.137  | 62   | 46386    | 10.617 | ug/L   | 98       |
| 29) Cyclohexane               | 4.680  | 56   | 61530    | 11.274 | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 4.613  | 97   | 60360    | 10.552 | ug/L   | 98       |
| 31) Carbon tetrachloride      | 4.835  | 117  | 52324    | 10.126 | ug/L   | 99       |
| 33) Benzene                   | 5.105  | 78   | 146460   | 10.917 | ug/L   | 100      |
| 34) Trichloroethene           | 5.921  | 95   | 39401    | 10.865 | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.133  | 83   | 61954    | 10.629 | ug/L   | 100      |
| 37) 1,2-Dichloropropane       | 6.179  | 63   | 37157    | 10.875 | ug/L   | 100      |
| 38) Bromodichloromethane      | 6.516  | 83   | 49954    | 10.472 | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.034  | 75   | 59561    | 10.399 | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 113774   | 24.065 | ug/L   | 99       |
| 42) Toluene                   | 7.391  | 91   | 155573   | 10.535 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 7.658  | 75   | 56133    | 10.341 | ug/L   | 99       |

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 Data File : VV021572.D  
 Acq On : 29 Jun 2021 10:19  
 Operator : SY/MD  
 Sample : VSTD01061  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD010161

Quant Time: Jun 30 03:56:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 30 03:55:26 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| 45) 1,1,2-Trichloroethane     | 7.844  | 97   | 36805    | 10.670 | ug/L  | 98       |
| 46) Tetrachloroethene         | 7.979  | 164  | 30649    | 9.448  | ug/L  | 99       |
| 48) 2-Hexanone                | 8.143  | 43   | 87636    | 24.093 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.249  | 129  | 41219    | 9.665  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.358  | 107  | 40874    | 10.744 | ug/L  | 98       |
| 51) Chlorobenzene             | 8.886  | 112  | 99812    | 10.263 | ug/L  | 97       |
| 52) Ethylbenzene              | 9.014  | 91   | 168355   | 10.411 | ug/L  | 100      |
| 53) m,p-Xylene                | 9.143  | 106  | 63494    | 10.224 | ug/L  | 98       |
| 54) o-Xylene                  | 9.545  | 106  | 64800    | 10.541 | ug/L  | 98       |
| 55) Styrene                   | 9.564  | 104  | 107171   | 10.166 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 57226    | 10.565 | ug/L  | 98       |
| 59) Bromoform                 | 9.735  | 173  | 29655    | 9.453  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.934  | 105  | 166891   | 11.289 | ug/L  | 98       |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 48344    | 12.598 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.542 | 105  | 139773   | 11.000 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 141630   | 11.035 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.185 | 146  | 76474    | 10.406 | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 77168    | 10.402 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.645 | 146  | 78183    | 10.585 | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.432 | 75   | 12819    | 10.746 | ug/L  | 93       |
| 69) 1,3,5-Trichlorobenzene    | 12.648 | 180  | 54830    | 9.032  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.265 | 180  | 44684    | 8.297  | ug/L  | 99       |
| 71) Naphthalene               | 13.506 | 128  | 130885   | 8.641  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.747 | 180  | 45145    | 8.575  | ug/L  | 99       |
| -----                         |        |      |          |        |       |          |

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

