

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012821\  
 Data File : VW020185.D  
 Acq On : 27 Jan 2021 11:31  
 Operator : SY/MD  
 Sample : VSTD05061  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD05061

Quant Time: Jan 27 12:24:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 27 12:22:05 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.621  | 114  | 935780   | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.859  | 117  | 880702   | 50.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.257 | 152  | 438505   | 50.00  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.306  | 65   | 344118   | 49.06  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.566  | 69   | 277137   | 47.28  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.110  | 63   | 439237   | 33.54  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 3.884  | 46   | 447887   | 96.15  | ug/L   | 0.00     |
| 24) Chloroform-d              | 4.351  | 84   | 626805   | 48.92  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.036  | 65   | 406165   | 45.78  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.052  | 84   | 1206120  | 51.49  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.074  | 67   | 372838   | 50.38  | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.318  | 98   | 1130543  | 51.33  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.624  | 79   | 188943   | 50.49  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 8.090  | 63   | 341365   | 105.90 | ug/L   | 0.00     |
| 57) 1,1,2,2-Tetrachloroeth... | 10.222 | 84   | 466767   | 45.75  | ug/L   | 0.00     |
| 64) 1,2-Dichlorobenzene-d4    | 11.630 | 152  | 480661   | 56.08  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.129  | 85   | 346275   | 44.36  | ug/L   | 100      |
| 3) Chloromethane              | 1.241  | 50   | 372272   | 47.26  | ug/L   | 99       |
| 5) Vinyl chloride             | 1.312  | 62   | 351009   | 43.81  | ug/L   | 99       |
| 6) Bromomethane               | 1.521  | 94   | 204684   | 41.42  | ug/L   | 96       |
| 8) Chloroethane               | 1.586  | 64   | 217436   | 42.20  | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.753  | 101  | 502327   | 44.02  | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.119  | 101  | 223624   | 35.63  | ug/L # | 82       |
| 12) 1,1-Dichloroethene        | 2.119  | 96   | 213487   | 35.33  | ug/L   | 72       |
| 13) Acetone                   | 2.174  | 43   | 196993   | 52.58  | ug/L   | 93       |
| 14) Carbon disulfide          | 2.296  | 76   | 763090   | 42.76  | ug/L   | 99       |
| 15) Methyl Acetate            | 2.431  | 43   | 324668   | 44.40  | ug/L   | 98       |
| 16) Methylene chloride        | 2.508  | 84   | 312537   | 46.56  | ug/L   | 93       |
| 17) trans-1,2-Dichloroethene  | 2.762  | 96   | 295372   | 48.04  | ug/L   | 95       |
| 18) Methyl tert-butyl Ether   | 2.769  | 73   | 935487   | 46.86  | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.193  | 63   | 547575   | 46.58  | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.913  | 96   | 326294   | 49.36  | ug/L   | 93       |
| 22) 2-Butanone                | 3.968  | 43   | 453906   | 91.53  | ug/L   | 100      |
| 23) Bromochloromethane        | 4.251  | 128  | 172265   | 49.65  | ug/L   | 85       |
| 25) Chloroform                | 4.380  | 83   | 579018   | 46.86  | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 5.132  | 62   | 461483   | 43.84  | ug/L   | 98       |
| 29) Cyclohexane               | 4.682  | 56   | 469246   | 48.51  | ug/L   | 95       |
| 30) 1,1,1-Trichloroethane     | 4.611  | 97   | 513662   | 49.12  | ug/L   | 97       |
| 31) Carbon tetrachloride      | 4.833  | 117  | 445336   | 49.31  | ug/L   | 99       |
| 33) Benzene                   | 5.103  | 78   | 1211047  | 48.11  | ug/L   | 100      |
| 34) Trichloroethene           | 5.917  | 95   | 322435   | 45.38  | ug/L   | 94       |
| 35) Methylcyclohexane         | 6.135  | 83   | 484630   | 47.78  | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 6.177  | 63   | 316496   | 47.92  | ug/L # | 97       |
| 38) Bromodichloromethane      | 6.515  | 83   | 429138   | 47.23  | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 7.029  | 75   | 494927   | 48.37  | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 7.228  | 43   | 897235   | 91.31  | ug/L   | 96       |
| 42) Toluene                   | 7.392  | 91   | 1311253  | 48.70  | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 7.656  | 75   | 492914   | 49.42  | ug/L   | 99       |

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Instrument :  
 MSVOA\_V  
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 VSTD05061

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 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 27 12:22:05 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 7.843  | 97   | 313300   | 46.58 | ug/L   | 98       |
| 46) Tetrachloroethene         | 7.981  | 164  | 275253   | 48.62 | ug/L   | 93       |
| 48) 2-Hexanone                | 8.142  | 43   | 695114   | 89.29 | ug/L   | 96       |
| 49) Dibromochloromethane      | 8.251  | 129  | 349296   | 47.94 | ug/L   | 100      |
| 50) 1,2-Dibromoethane         | 8.357  | 107  | 334748   | 45.62 | ug/L # | 99       |
| 51) Chlorobenzene             | 8.884  | 112  | 865503   | 47.47 | ug/L   | 96       |
| 52) Ethylbenzene              | 9.016  | 91   | 1424733  | 47.17 | ug/L   | 98       |
| 53) m,p-Xylene                | 9.145  | 106  | 550671   | 49.79 | ug/L   | 95       |
| 54) o-xylene                  | 9.550  | 106  | 525868   | 47.58 | ug/L   | 95       |
| 55) Styrene                   | 9.566  | 104  | 940500   | 48.59 | ug/L   | 96       |
| 56) Isopropylbenzene          | 9.936  | 105  | 1487009  | 49.81 | ug/L   | 98       |
| 58) 1,1,2,2-Tetrachloroethane | 10.248 | 83   | 490007   | 48.45 | ug/L   | 99       |
| 59) 1,2,3-Trichloropropane    | 10.280 | 75   | 394354   | 44.41 | ug/L   | 100      |
| 61) Bromoform                 | 9.736  | 173  | 268242   | 57.29 | ug/L # | 97       |
| 62) 1,3-Dichlorobenzene       | 11.186 | 146  | 644760   | 48.37 | ug/L   | 96       |
| 63) 1,4-Dichlorobenzene       | 11.280 | 146  | 662949   | 47.55 | ug/L   | 96       |
| 65) 1,2-Dichlorobenzene       | 11.649 | 146  | 739312   | 53.50 | ug/L   | 96       |
| 66) 1,2-Dibromo-3-chloropr... | 12.437 | 75   | 123736   | 53.95 | ug/L # | 78       |
| 67) 1,3,5-Trichlorobenzene    | 12.653 | 180  | 617242   | 58.76 | ug/L   | 97       |
| 68) 1,2,4-trichlorobenzene    | 13.270 | 180  | 562026   | 58.29 | ug/L   | 97       |
| 69) Naphthalene               | 13.511 | 128  | 1663810  | 59.56 | ug/L   | 100      |
| 70) 1,2,3-Trichlorobenzene    | 13.752 | 180  | 566358   | 59.35 | ug/L   | 97       |

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

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