

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032422\  
 Data File : VU047634.D  
 Acq On : 24 Mar 2022 13:27  
 Operator : SY/MD  
 Sample : VSTD05051  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD050051

Quant Time: Mar 24 23:08:28 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 24 23:06:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114  | 265567   | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117  | 269701   | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152  | 167094   | 50.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65   | 100065   | 46.483  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.919  | 69   | 78719    | 47.291  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63   | 164524   | 43.172  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 4.642  | 46   | 170422   | 98.014  | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.067  | 84   | 177034   | 48.776  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65   | 108297   | 45.017  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.729  | 84   | 359775   | 47.380  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67   | 106853   | 45.567  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.899  | 98   | 350240   | 50.109  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79   | 53832    | 47.246  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.636  | 63   | 124996   | 108.352 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84   | 180364   | 49.603  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152  | 146553   | 46.094  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85   | 100329   | 36.966  | ug/L  | 100      |
| 3) Chloromethane              | 1.523  | 50   | 97883    | 39.613  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.607  | 62   | 98751    | 39.645  | ug/L  | 100      |
| 6) Bromomethane               | 1.864  | 94   | 51640    | 37.101  | ug/L  | 100      |
| 8) Chloroethane               | 1.938  | 64   | 61576    | 42.314  | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 2.144  | 101  | 140639   | 42.741  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101  | 79715    | 42.702  | ug/L  | 100      |
| 12) 1,1-Dichloroethene        | 2.584  | 96   | 73443    | 41.584  | ug/L  | 100      |
| 13) Acetone                   | 2.655  | 43   | 110735   | 56.132  | ug/L  | 100      |
| 14) Carbon disulfide          | 2.800  | 76   | 227727   | 41.561  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.961  | 43   | 99912    | 40.807  | ug/L  | 100      |
| 16) Methylene chloride        | 3.051  | 84   | 84796    | 40.250  | ug/L  | 100      |
| 17) trans-1,2-Dichloroethene  | 3.359  | 96   | 78191    | 41.907  | ug/L  | 100      |
| 18) Methyl tert-butyl Ether   | 3.366  | 73   | 220915   | 38.979  | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 3.874  | 63   | 139555   | 41.194  | ug/L  | 100      |
| 20) cis-1,2-Dichloroethene    | 4.671  | 96   | 85233    | 42.077  | ug/L  | 100      |
| 22) 2-Butanone                | 4.722  | 43   | 151389   | 68.867  | ug/L  | 100      |
| 23) Bromochloromethane        | 4.976  | 128  | 48827    | 46.536  | ug/L  | 100      |
| 25) Chloroform                | 5.092  | 83   | 148280   | 39.551  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.796  | 62   | 112698   | 40.481  | ug/L  | 100      |
| 29) Cyclohexane               | 5.394  | 56   | 111814   | 38.113  | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 5.321  | 97   | 127098   | 40.207  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.530  | 117  | 116275   | 42.954  | ug/L  | 100      |
| 33) Benzene                   | 5.777  | 78   | 329263   | 42.013  | ug/L  | 100      |
| 34) Trichloroethene           | 6.546  | 95   | 84034    | 40.875  | ug/L  | 100      |
| 35) Methylcyclohexane         | 6.764  | 83   | 126710   | 40.449  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.793  | 63   | 82992    | 40.632  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.108  | 83   | 113771   | 41.625  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 7.610  | 75   | 125298   | 40.488  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.793  | 43   | 255804   | 85.112  | ug/L  | 100      |
| 42) Toluene                   | 7.970  | 91   | 364811   | 43.273  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.211  | 75   | 126239   | 41.624  | ug/L  | 100      |

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Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD050051

Quant Time: Mar 24 23:08:28 2022  
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 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 24 23:06:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 8.401  | 97   | 87124    | 41.986 | ug/L  | 100      |
| 46) Tetrachloroethene         | 8.552  | 164  | 75736    | 48.368 | ug/L  | 100      |
| 48) 2-Hexanone                | 8.687  | 43   | 221487   | 83.271 | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.809  | 129  | 99817    | 45.386 | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.925  | 107  | 96629    | 43.020 | ug/L  | 100      |
| 51) Chlorobenzene             | 9.449  | 112  | 232406   | 42.424 | ug/L  | 100      |
| 52) Ethylbenzene              | 9.571  | 91   | 361314   | 40.530 | ug/L  | 100      |
| 53) m,p-Xylene                | 9.693  | 106  | 146004   | 41.790 | ug/L  | 100      |
| 54) o-Xylene                  | 10.102 | 106  | 143907   | 42.239 | ug/L  | 100      |
| 55) Styrene                   | 10.115 | 104  | 247018   | 42.651 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 162153   | 44.844 | ug/L  | 100      |
| 59) Bromoform                 | 10.291 | 173  | 86073    | 44.673 | ug/L  | 100      |
| 60) 1,2,3-Trichloropropane    | 10.822 | 75   | 125329   | 36.065 | ug/L  | 100      |
| 61) Isopropylbenzene          | 10.484 | 105  | 365032   | 36.172 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 190385   | 24.076 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 302194   | 36.176 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.745 | 146  | 199669   | 40.456 | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.835 | 146  | 203832   | 39.916 | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 12.211 | 146  | 201590   | 40.438 | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.995 | 75   | 40534    | 42.568 | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 13.217 | 180  | 159613   | 43.758 | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.841 | 180  | 140418   | 43.420 | ug/L  | 100      |
| 71) Naphthalene               | 14.085 | 128  | 418337   | 38.680 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 142606   | 43.538 | ug/L  | 100      |

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

