

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051421\  
 Data File : VU043717.D  
 Acq On : 13 May 2021 22:08  
 Operator : SY/MD  
 Sample : VSTD20034  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD200304

Quant Time: May 14 04:34:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM051421WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 14 04:23:32 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114  | 481187   | 50.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117  | 483021   | 50.00  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152  | 289312   | 50.00  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65   | 779680   | 195.69 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.893  | 69   | 558789   | 195.04 | ug/L  | -0.02    |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 63   | 1335345  | 196.87 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 4.626  | 46   | 1290595  | 414.11 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.070  | 84   | 1306880  | 193.32 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65   | 796467   | 190.04 | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.735  | 84   | 2726494  | 190.47 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67   | 896563   | 192.02 | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.906  | 98   | 2537156  | 196.97 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79   | 421845   | 206.64 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.642  | 63   | 1054454  | 471.62 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84   | 1505018  | 213.00 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152  | 1123373  | 196.74 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.385  | 85   | 758248   | 187.22 | ug/L  | 100      |
| 3) Chloromethane              | 1.520  | 50   | 888722   | 181.49 | ug/L  | 99       |
| 5) Vinyl chloride             | 1.607  | 62   | 893822   | 187.76 | ug/L  | 100      |
| 6) Bromomethane               | 1.832  | 94   | 189410   | 81.60  | ug/L  | 99       |
| 8) Chloroethane               | 1.919  | 64   | 500185   | 185.60 | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 2.134  | 101  | 991694   | 184.28 | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.581  | 101  | 647216   | 183.78 | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.581  | 96   | 663379   | 190.97 | ug/L  | 98       |
| 13) Acetone                   | 2.629  | 43   | 800716   | 367.99 | ug/L  | 99       |
| 14) Carbon disulfide          | 2.793  | 76   | 2092269  | 190.77 | ug/L  | 100      |
| 15) Methyl Acetate            | 2.951  | 43   | 934915   | 189.33 | ug/L  | 100      |
| 16) Methylene chloride        | 3.051  | 84   | 787342   | 151.34 | ug/L  | 100      |
| 17) trans-1,2-Dichloroethene  | 3.356  | 96   | 685201   | 190.68 | ug/L  | 99       |
| 18) Methyl tert-butyl Ether   | 3.369  | 73   | 2197526  | 201.60 | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 3.874  | 63   | 1323741  | 188.43 | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 4.674  | 96   | 780935   | 197.24 | ug/L  | 97       |
| 22) 2-Butanone                | 4.706  | 43   | 1417847  | 395.85 | ug/L  | 99       |
| 23) Bromochloromethane        | 4.980  | 128  | 398183   | 185.32 | ug/L  | 98       |
| 25) Chloroform                | 5.096  | 83   | 1283561  | 186.57 | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.800  | 62   | 985048   | 185.75 | ug/L  | 99       |
| 29) Cyclohexane               | 5.395  | 56   | 1288652  | 200.43 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 5.324  | 97   | 1077254  | 185.02 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 5.533  | 117  | 901549   | 188.59 | ug/L  | 100      |
| 33) Benzene                   | 5.780  | 78   | 2994928  | 183.39 | ug/L  | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 745050   | 187.58 | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.771  | 83   | 1261266  | 200.89 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.800  | 63   | 812396   | 182.18 | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.112  | 83   | 983680   | 186.30 | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.613  | 75   | 1237313  | 203.14 | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.800  | 43   | 2849632  | 424.59 | ug/L  | 100      |
| 42) Toluene                   | 7.976  | 91   | 3249886  | 190.41 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 8.218  | 75   | 1162373  | 202.91 | ug/L  | 99       |

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Instrument :  
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 ClientSampleId :  
 VSTD200304

Quant Time: May 14 04:34:41 2021  
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 Quant Title : VOC Analysis  
 QLast Update : Fri May 14 04:23:32 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 770542   | 187.59 | ug/L   | 99       |
| 46) Tetrachloroethene         | 8.558  | 164  | 590671   | 189.04 | ug/L   | 99       |
| 48) 2-Hexanone                | 8.693  | 43   | 2351442  | 436.28 | ug/L   | 100      |
| 49) Dibromochloromethane      | 8.819  | 129  | 831672   | 197.37 | ug/L   | 99       |
| 50) 1,2-Dibromoethane         | 8.931  | 107  | 827733   | 193.94 | ug/L   | 99       |
| 51) Chlorobenzene             | 9.452  | 112  | 2040905  | 193.08 | ug/L   | 100      |
| 52) Ethylbenzene              | 9.578  | 91   | 3589900  | 203.78 | ug/L   | 100      |
| 53) m,p-Xylene                | 9.700  | 106  | 1373162  | 205.87 | ug/L   | 99       |
| 54) o-xylene                  | 10.108 | 106  | 1365406  | 206.87 | ug/L   | 100      |
| 55) Styrene                   | 10.121 | 104  | 2422941  | 217.70 | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 1532720  | 204.69 | ug/L   | 99       |
| 59) Bromoform                 | 10.298 | 173  | 728700   | 192.71 | ug/L # | 98       |
| 60) 1,2,3-Trichloropropane    | 10.832 | 75   | 1225598  | 181.51 | ug/L   | 99       |
| 61) Isopropylbenzene          | 10.491 | 105  | 3572657  | 189.05 | ug/L   | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 3214732  | 204.86 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 3325982  | 211.04 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.751 | 146  | 1785535  | 194.28 | ug/L   | 100      |
| 65) 1,4-Dichlorobenzene       | 11.844 | 146  | 1789289  | 190.84 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 12.221 | 146  | 1808286  | 188.90 | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 13.002 | 75   | 369886   | 200.07 | ug/L   | 95       |
| 69) 1,3,5-Trichlorobenzene    | 13.227 | 180  | 1381931  | 202.89 | ug/L   | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.848 | 180  | 1242868  | 213.60 | ug/L   | 100      |
| 71) Naphthalene               | 14.092 | 128  | 4276664  | 220.30 | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 1240160  | 202.45 | ug/L   | 100      |

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

