

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092321\  
 Data File : VU044772.D  
 Acq On : 23 Sep 2021 09:29  
 Operator : SY/MD  
 Sample : VSTD00513  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD005013

Quant Time: Sep 24 05:16:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 24 05:15:56 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114  | 248013   | 50.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117  | 242588   | 50.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152  | 113205   | 50.000 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65   | 14265    | 6.579  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.903  | 69   | 11115    | 6.909  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 63   | 23877    | 6.462  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 4.629  | 46   | 19338    | 11.363 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.070  | 84   | 22260    | 6.129  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.707  | 65   | 15321    | 6.669  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.732  | 84   | 42271    | 5.699  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67   | 14160    | 5.852  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.903  | 98   | 34681    | 5.243  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79   | 5589     | 5.250  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.639  | 63   | 11683    | 9.761  | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84   | 20644    | 5.634  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152  | 12520    | 5.515  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.385  | 85   | 12653    | 5.924  | ug/L  | 100      |
| 3) Chloromethane              | 1.520  | 50   | 16997    | 6.507  | ug/L  | 95       |
| 5) Vinyl chloride             | 1.607  | 62   | 16074    | 6.354  | ug/L  | 83       |
| 6) Bromomethane               | 1.839  | 94   | 8441     | 7.135  | ug/L  | 99       |
| 8) Chloroethane               | 1.925  | 64   | 10216    | 6.958  | ug/L  | 88       |
| 9) Trichlorofluoromethane     | 2.134  | 101  | 18556    | 6.457  | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.581  | 101  | 11666    | 6.281  | ug/L  | 98       |
| 12) 1,1-Dichloroethene        | 2.581  | 96   | 10075    | 5.547  | ug/L  | 92       |
| 13) Acetone                   | 2.630  | 43   | 29325    | 20.840 | ug/L  | 99       |
| 14) Carbon disulfide          | 2.797  | 76   | 32810    | 5.722  | ug/L  | 98       |
| 15) Methyl Acetate            | 2.954  | 43   | 16232    | 6.161  | ug/L  | 100      |
| 16) Methylene chloride        | 3.051  | 84   | 13877    | 5.156  | ug/L  | 99       |
| 17) trans-1,2-Dichloroethene  | 3.356  | 96   | 10337    | 5.496  | ug/L  | 97       |
| 18) Methyl tert-butyl Ether   | 3.369  | 73   | 33245    | 5.714  | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 3.874  | 63   | 22805    | 6.118  | ug/L  | 100      |
| 20) cis-1,2-Dichloroethene    | 4.671  | 96   | 11116    | 5.366  | ug/L  | 90       |
| 22) 2-Butanone                | 4.710  | 43   | 28787    | 14.176 | ug/L  | 98       |
| 23) Bromochloromethane        | 4.983  | 128  | 6165     | 5.561  | ug/L  | 94       |
| 25) Chloroform                | 5.092  | 83   | 23223    | 6.352  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.803  | 62   | 19089    | 6.635  | ug/L  | 98       |
| 29) Cyclohexane               | 5.391  | 56   | 17252    | 5.196  | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 5.321  | 97   | 17522    | 5.803  | ug/L  | 96       |
| 31) Carbon tetrachloride      | 5.530  | 117  | 14016    | 5.732  | ug/L  | 100      |
| 33) Benzene                   | 5.781  | 78   | 46958    | 5.619  | ug/L  | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 11607    | 5.724  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.768  | 83   | 17507    | 5.379  | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 6.797  | 63   | 13099    | 5.737  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.112  | 83   | 15623    | 5.739  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 7.613  | 75   | 16580    | 5.273  | ug/L  | 96       |
| 40) 4-Methyl-2-pentanone      | 7.797  | 43   | 36908    | 10.513 | ug/L  | 98       |
| 42) Toluene                   | 7.973  | 91   | 45298    | 5.211  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 8.218  | 75   | 15600    | 5.258  | ug/L  | 99       |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 11643    | 5.562  | ug/L   | 97       |
| 46) Tetrachloroethene         | 8.559  | 164  | 8188     | 5.256  | ug/L   | 98       |
| 48) 2-Hexanone                | 8.690  | 43   | 33330    | 11.538 | ug/L   | 95       |
| 49) Dibromochloromethane      | 8.816  | 129  | 11347    | 5.334  | ug/L   | 91       |
| 50) 1,2-Dibromoethane         | 8.928  | 107  | 11887    | 5.462  | ug/L   | 97       |
| 51) Chlorobenzene             | 9.452  | 112  | 29236    | 5.453  | ug/L   | 98       |
| 52) Ethylbenzene              | 9.575  | 91   | 45853    | 5.102  | ug/L   | 97       |
| 53) m,p-Xylene                | 9.700  | 106  | 16871    | 4.967  | ug/L   | 95       |
| 54) o-xylene                  | 10.105 | 106  | 16591    | 4.921  | ug/L   | 94       |
| 55) Styrene                   | 10.118 | 104  | 26025    | 4.568  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.787 | 83   | 21361    | 5.569  | ug/L   | 97       |
| 59) Bromoform                 | 10.295 | 173  | 7132     | 4.855  | ug/L # | 92       |
| 60) 1,2,3-Trichloropropane    | 10.829 | 75   | 17707    | 6.472  | ug/L   | 98       |
| 61) Isopropylbenzene          | 10.488 | 105  | 41293    | 5.441  | ug/L   | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 32329    | 5.124  | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.472 | 105  | 32313    | 5.082  | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.751 | 146  | 20293    | 5.590  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.841 | 146  | 21240    | 5.733  | ug/L   | 92       |
| 67) 1,2-Dichlorobenzene       | 12.218 | 146  | 20470    | 5.417  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 13.002 | 75   | 4207     | 5.516  | ug/L   | 93       |
| 69) 1,3,5-Trichlorobenzene    | 13.224 | 180  | 13112    | 4.926  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.845 | 180  | 9694     | 4.269  | ug/L   | 99       |
| 71) Naphthalene               | 14.092 | 128  | 26494    | 3.459  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 9547     | 4.015  | ug/L   | 98       |

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

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