

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092321\  
 Data File : VU044776.D  
 Acq On : 23 Sep 2021 11:09  
 Operator : SY/MD  
 Sample : VSTD20017  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD200017

Quant Time: Sep 24 05:18:10 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        | 6.253  | 114  | 274171   | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117  | 275784   | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815 | 152  | 160540   | 50.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65   | 568144   | 237.032 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.887  | 69   | 454642   | 255.653 | ug/L  | -0.02    |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 63   | 987090   | 241.666 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 4.629  | 46   | 991682   | 527.121 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.066  | 84   | 915464   | 227.998 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65   | 608167   | 239.468 | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.732  | 84   | 1838858  | 218.058 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67   | 599926   | 218.097 | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.902  | 98   | 1652233  | 219.705 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79   | 296514   | 245.023 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.642  | 63   | 831165   | 610.813 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84   | 1049978  | 252.059 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152  | 703653   | 218.578 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.385  | 85   | 507116   | 214.786 | ug/L  | 99       |
| 3) Chloromethane              | 1.517  | 50   | 596216   | 206.466 | ug/L  | 100      |
| 5) Vinyl chloride             | 1.607  | 62   | 598757   | 214.090 | ug/L  | 99       |
| 6) Bromomethane               | 1.835  | 94   | 247030   | 188.881 | ug/L  | 100      |
| 8) Chloroethane               | 1.912  | 64   | 379333   | 233.724 | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 2.128  | 101  | 671077   | 211.222 | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.575  | 101  | 428228   | 208.571 | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.578  | 96   | 416146   | 207.259 | ug/L  | 93       |
| 13) Acetone                   | 2.632  | 43   | 949781   | 610.580 | ug/L  | 99       |
| 14) Carbon disulfide          | 2.790  | 76   | 1333620  | 210.383 | ug/L  | 100      |
| 15) Methyl Acetate            | 2.951  | 43   | 639480   | 219.546 | ug/L  | 99       |
| 16) Methylene chloride        | 3.047  | 84   | 491697   | 165.266 | ug/L  | 100      |
| 17) trans-1,2-Dichloroethene  | 3.353  | 96   | 439780   | 211.509 | ug/L  | 98       |
| 18) Methyl tert-butyl Ether   | 3.369  | 73   | 1516439  | 235.780 | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 3.870  | 63   | 887977   | 215.511 | ug/L  | 100      |
| 20) cis-1,2-Dichloroethene    | 4.671  | 96   | 494682   | 215.994 | ug/L  | 96       |
| 22) 2-Butanone                | 4.706  | 43   | 1178326  | 524.904 | ug/L  | 100      |
| 23) Bromochloromethane        | 4.980  | 128  | 236402   | 192.884 | ug/L  | 99       |
| 25) Chloroform                | 5.092  | 83   | 858438   | 212.409 | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 5.800  | 62   | 733795   | 230.716 | ug/L  | 100      |
| 29) Cyclohexane               | 5.391  | 56   | 853307   | 226.057 | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 5.321  | 97   | 726912   | 211.760 | ug/L  | 98       |
| 31) Carbon tetrachloride      | 5.526  | 117  | 587119   | 211.222 | ug/L  | 98       |
| 33) Benzene                   | 5.777  | 78   | 1940959  | 204.287 | ug/L  | 100      |
| 34) Trichloroethene           | 6.546  | 95   | 473321   | 205.325 | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.767  | 83   | 837432   | 226.332 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.796  | 63   | 519592   | 200.173 | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.108  | 83   | 663463   | 214.379 | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 7.610  | 75   | 840933   | 235.244 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.800  | 43   | 1993262  | 499.435 | ug/L  | 98       |
| 42) Toluene                   | 7.973  | 91   | 2052750  | 207.717 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 8.214  | 75   | 815975   | 241.924 | ug/L  | 99       |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD200017

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 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) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 8.404  | 97   | 482759   | 202.871 | ug/L  | 99       |
| 46) Tetrachloroethene         | 8.558  | 164  | 336029   | 189.729 | ug/L  | 98       |
| 48) 2-Hexanone                | 8.693  | 43   | 1784121  | 543.265 | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.816  | 129  | 505752   | 209.116 | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.928  | 107  | 525677   | 212.475 | ug/L  | 99       |
| 51) Chlorobenzene             | 9.452  | 112  | 1263265  | 207.251 | ug/L  | 99       |
| 52) Ethylbenzene              | 9.574  | 91   | 2290706  | 224.220 | ug/L  | 99       |
| 53) m,p-Xylene                | 9.697  | 106  | 876313   | 226.926 | ug/L  | 98       |
| 54) o-xylene                  | 10.105 | 106  | 875901   | 228.544 | ug/L  | 100      |
| 55) Styrene                   | 10.118 | 104  | 1571054  | 242.542 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.787 | 83   | 1025944  | 235.257 | ug/L  | 100      |
| 59) Bromoform                 | 10.298 | 173  | 409817   | 196.733 | ug/L  | 99       |
| 60) 1,2,3-Trichloropropane    | 10.828 | 75   | 832441   | 214.547 | ug/L  | 100      |
| 61) Isopropylbenzene          | 10.488 | 105  | 2292962  | 213.033 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 2059532  | 230.161 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.471 | 105  | 2145249  | 237.905 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.751 | 146  | 1074447  | 208.720 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.841 | 146  | 1098182  | 209.023 | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 12.217 | 146  | 1114458  | 207.957 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 13.002 | 75   | 268508   | 248.263 | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 13.224 | 180  | 794459   | 210.448 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.844 | 180  | 705901   | 219.194 | ug/L  | 100      |
| 71) Naphthalene               | 14.092 | 128  | 2627864  | 241.937 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.333 | 180  | 699684   | 207.471 | ug/L  | 100      |

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

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