Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
Data File : VU048455.D
Acq On : 06 May 2022 14:34
Operator : SY/MD
Sample : VSTD10065
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD100065

Quant Time: May 06 23:21:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 06 23:19:19 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.250 | 114 | 411085 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.417 | 117 | 409665 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.812 | 152 | 224510 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.600 | 65 | 359885 | 96.650 | ug/L | 0.00 |
| 7) Chloroethane-d5 | 1.896 | 69 | 236495 | 91.594 | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 2.565 | 63 | 630130 | 103.743 | ug/L | 0.00 |
| 21) 2-Butanone-d5 | 4.620 | 46 | 642684 | 203.726 | ug/L | 0.00 |
| 24) Chloroform-d | 5.063 | 84 | 624081 | 93.151 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 5.700 | 65 | 401907 | 99.181 | ug/L | 0.00 |
| 32) Benzene-d6 | 5.726 | 84 | 1244503 | 97.399 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 6.690 | 67 | 410113 | 96.760 | ug/L | 0.00 |
| 41) Toluene-d8 | 7.899 | 98 | 1130871 | 98.249 | ug/L | 0.00 |
| 43) trans-1,3-Dichloroprop... | 8.179 | 79 | 193261 | 103.086 | ug/L | 0.00 |
| 47) 2-Hexanone-d5 | 8.632 | 63 | 447601 | 204.567 | ug/L | 0.00 |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84 | 651091 | 90.536 | ug/L | 0.00 |
| 66) 1,2-Dichlorobenzene-d4 | 12.195 | 152 | 437945 | 89.190 | ug/L | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.385 | 85 | 359197 | 113.747 | ug/L | 100 |
| 3) Chloromethane | 1.523 | 50 | 416453 | 114.708 | ug/L | 98 |
| 5) Vinyl chloride | 1.604 | 62 | 395435 | 109.765 | ug/L | 99 |
| 6) Bromomethane | 1.835 | 94 | 201903 | 115.182 | ug/L | 100 |
| 8) Chloroethane | 1.919 | 64 | 212888 | 106.451 | ug/L | 98 |
| 9) Trichlorofluoromethane | 2.131 | 101 | 506905 | 108.429 | ug/L | 100 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.578 | 101 | 287870 | 94.806 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.578 | 96 | 283378 | 105.191 | ug/L | 97 |
| 13) Acetone | 2.623 | 43 | 395927 | 193.006 | ug/L | 99 |
| 14) Carbon disulfide | 2.793 | 76 | 876845 | 127.010 | ug/L | 100 |
| 15) Methyl Acetate | 2.944 | 43 | 461530 | 111.807 | ug/L | 98 |
| 16) Methylene chloride | 3.044 | 84 | 348063 | 101.728 | ug/L | 97 |
| 17) trans-1,2-Dichloroethene | 3.353 | 96 | 300036 | 106.626 | ug/L | 95 |
| 18) Methyl tert-butyl Ether | 3.362 | 73 | 1047572 | 113.185 | ug/L | 99 |
| 19) 1,1-Dichloroethane | 3.867 | 63 | 618062 | 105.615 | ug/L | 99 |
| 20) cis-1,2-Dichloroethene | 4.665 | 96 | 344089 | 103.848 | ug/L | 97 |
| 22) 2-Butanone | 4.697 | 43 | 683637 | 225.450 | ug/L | 99 |
| 23) Bromochloromethane | 4.973 | 128 | 180412 | 98.686 | ug/L | 97 |
| 25) Chloroform | 5.089 | 83 | 608141 | 102.594 | ug/L | 100 |
| 27) 1,2-Dichloroethane | 5.793 | 62 | 503100 | 113.350 | ug/L | 99 |
| 29) Cyclohexane | 5.388 | 56 | 564854 | 136.099 | ug/L | 99 |
| 30) 1,1,1-Trichloroethane | 5.317 | 97 | 537629 | 113.083 | ug/L | 98 |
| 31) Carbon tetrachloride | 5.523 | 117 | 467269 | 115.237 | ug/L | 98 |
| 33) Benzene | 5.774 | 78 | 1362309 | 111.417 | ug/L | 100 |
| 34) Trichloroethene | 6.542 | 95 | 331875 | 110.520 | ug/L | 98 |
| 35) Methylcyclohexane | 6.764 | 83 | 548402 | 125.984 | ug/L | 99 |
| 37) 1,2-Dichloropropane | 6.790 | 63 | 381081 | 109.733 | ug/L | 99 |
| 38) Bromodichloromethane | 7.105 | 83 | 467270 | 107.101 | ug/L | 98 |
| 39) cis-1,3-Dichloropropene | 7.607 | 75 | 574905 | 116.884 | ug/L | 99 |
| 40) 4-Methyl-2-pentanone | 7.790 | 43 | 1303827 | 249.934 | ug/L | 99 |
| 42) Toluene | 7.970 | 91 | 1436644 | 112.679 | ug/L | 99 |
| 44) trans-1,3-Dichloropropene | 8.211 | 75 | 553037 | 116.063 | ug/L | 99 |

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**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD100065

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 06 23:19:19 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 45) 1,1,2-Trichloroethane | 8.401 | 97 | 343788 | 97.909 | ug/L | 98 |
| 46) Tetrachloroethene | 8.555 | 164 | 255161 | 101.758 | ug/L | 97 |
| 48) 2-Hexanone | 8.684 | 43 | 1069685 | 246.799 | ug/L | 100 |
| 49) Dibromochloromethane | 8.809 | 129 | 385581 | 99.987 | ug/L | 99 |
| 50) 1,2-Dibromoethane | 8.925 | 107 | 369068 | 101.967 | ug/L | 100 |
| 51) Chlorobenzene | 9.446 | 112 | 908190 | 101.062 | ug/L | 99 |
| 52) Ethylbenzene | 9.571 | 91 | 1566111 | 118.284 | ug/L | 100 |
| 53) m,p-Xylene | 9.693 | 106 | 618648 | 119.797 | ug/L | 100 |
| 54) o-Xylene | 10.102 | 106 | 619340 | 119.224 | ug/L | 100 |
| 55) Styrene | 10.115 | 104 | 1040354 | 119.355 | ug/L | 99 |
| 57) 1,1,2,2-Tetrachloroethane | 10.783 | 83 | 680408 | 98.903 | ug/L | 99 |
| 59) Bromoform | 10.291 | 173 | 305397 | 96.439 | ug/L | 100 |
| 60) 1,2,3-Trichloropropane | 10.822 | 75 | 547488 | 104.191 | ug/L | 100 |
| 61) Isopropylbenzene | 10.484 | 105 | 1572386 | 122.939 | ug/L | 99 |
| 62) 1,3,5-Trimethylbenzene | 11.089 | 105 | 886435 | 130.525 | ug/L | 100 |
| 63) 1,2,4-Trimethylbenzene | 11.468 | 105 | 1363762 | 132.020 | ug/L | 99 |
| 64) 1,3-Dichlorobenzene | 11.745 | 146 | 718513 | 104.074 | ug/L | 98 |
| 65) 1,4-Dichlorobenzene | 11.838 | 146 | 710761 | 100.397 | ug/L | 98 |
| 67) 1,2-Dichlorobenzene | 12.214 | 146 | 727250 | 99.685 | ug/L | 99 |
| 68) 1,2-Dibromo-3-chloropr... | 12.996 | 75 | 167616 | 117.623 | ug/L | 96 |
| 69) 1,3,5-Trichlorobenzene | 13.221 | 180 | 506829 | 99.591 | ug/L | 99 |
| 70) 1,2,4-trichlorobenzene | 13.841 | 180 | 429268 | 106.070 | ug/L | 99 |
| 71) Naphthalene | 14.085 | 128 | 1515234 | 127.064 | ug/L | 99 |
| 72) 1,2,3-Trichlorobenzene | 14.330 | 180 | 434604 | 104.684 | ug/L | 99 |

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

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