Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012423\
Data File : VU052797.D
Acq On : 24 Jan 2023 18:13
Operator : JC/MD
Sample : 01245-07DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
PT-RVOA-WSDL

Quant Time: Jan 25 01:41:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jan 24 05:16:59 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Fluorobenzene | 6.112 | 96 | 35895 | 1.000 | ug/l | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 57) 4-Bromofluorobenzene | 10.629 | 95 | 10726 | 0.898 | ug/l | 0.00 |
| Spiked Amount 1.000 | | | Recovery = 90.000% | | | |
| 68) 1,2-Dichlorobenzene-d4 | 12.189 | 152 | 11190 | 0.911 | ug/l | 0.00 |
| Spiked Amount 1.000 | | | Recovery = 91.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 4) Vinyl Chloride | 1.604 | 62 | 109387 | 9.826 | ug/l | 100 |
| 9) 1,1-Dichloroethene | 2.581 | 96 | 28451 | 3.397 | ug/l | 99 |
| 15) Methylene Chloride | 3.044 | 84 | 34196 | 3.380 | ug/l | 96 |
| 16) trans-1,2-Dichloroethene | 3.350 | 96 | 34740 | 3.728 | ug/l | 99 |
| 22) cis-1,2-Dichloroethene | 4.665 | 96 | 37456 | 3.846 | ug/l | 87 |
| 28) 1,1,1-Trichloroethane | 5.311 | 97 | 66617 | 4.277 | ug/l | 98 |
| 30) Carbon Tetrachloride | 5.520 | 117 | 47470 | 3.359 | ug/l | 98 |
| 35) Benzene | 5.771 | 78 | 131351 | 3.447 | ug/l | 99 |
| 36) 1,2-Dichloroethane | 5.793 | 62 | 39100 | 3.416 | ug/l | 100 |
| 37) Trichloroethene | 6.539 | 130 | 35687 | 3.435 | ug/l | 96 |
| 38) 1,2-Dichloropropane | 6.790 | 63 | 37458 | 3.875 | ug/l | 94 |
| 49) Toluene | 7.967 | 92 | 84451 | 3.650 | ug/l | 100 |
| 52) 1,1,2-Trichloroethane | 8.398 | 97 | 20207 | 2.904 | ug/l | 98 |
| 58) Tetrachloroethene | 8.549 | 164 | 11420 | 1.218 | ug/l | 93 |
| 59) Chlorobenzene | 9.443 | 112 | 73623 | 2.924 | ug/l | 99 |
| 63) Ethyl Benzene | 9.568 | 91 | 80676 | 1.978 | ug/l | 99 |
| 64) m/p-Xylenes | 9.693 | 106 | 39683 | 2.440 | ug/l | 97 |
| 65) o-Xylene | 10.095 | 106 | 40261 | 2.566 | ug/l | 98 |
| 66) Styrene | 10.111 | 104 | 69191 | 2.612 | ug/l | 99 |
| 83) 1,4-Dichlorobenzene | 11.832 | 146 | 53215 | 2.560 | ug/l | 98 |
| 85) 1,2-Dichlorobenzene | 12.208 | 146 | 77791 | 3.981 | ug/l | 98 |
| 87) 1,2,4-Trichlorobenzene | 13.835 | 180 | 40713 | 3.474 | ug/l | 97 |

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

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