Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100318\
Data File : VU027351.D
Acq On : 02 Oct 2018 19:23
Operator : MD/SY
Sample : J4965-01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
RR-UNRVOA-WS

Quant Time: Oct 03 09:37:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 09:31:21 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 1) Fluorobenzene | 5.74 | 96 | 22717 | 1.00 ug/l | 0.00 |

| System Monitoring Compounds | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 57) 4-Bromofluorobenzene | 10.31 | 95 | 7652 | 0.89 ug/l | 0.00 |
| Spiked Amount 1.000 | | | Recovery = 89.00% | | |
| 68) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 7387 | 1.01 ug/l | 0.00 |
| Spiked Amount 1.000 | | | Recovery = 101.00% | | |

| Target Compounds | R.T. | QIon | Response | Conc Units | | Qvalue |
|---|---|---|---|---|---|---|
| 5) Bromomethane | 1.63 | 94 | 74211 | 19.710 ug/l | | 97 |
| 6) Chloroethane | 1.70 | 64 | 62945 | 11.154 ug/l | | 98 |
| 7) Trichlorofluoromethane | 1.89 | 101 | 561568 | 53.837 ug/l | | 98 |
| 10) Iodomethane | 2.41 | 142 | 11105 | 1.928 ug/l | | 99 |
| 17) 1,1-Dichloroethane | 3.45 | 63 | 119606 | 8.336 ug/l | | 100 |
| 21) 2,2-Dichloropropane | 4.23 | 77 | 102017 | 8.302 ug/l | | 94 |
| 25) Methyl tert-Butyl Ether | 3.01 | 73 | 373147 | 21.881 ug/l | | 100 |
| 26) Bromochloromethane | 4.55 | 128 | 48405 | 18.387 ug/l | | 97 |
| 29) 1,1-Dichloropropene | 5.13 | 75 | 46662 | 4.877 ug/l | | 99 |
| 43) Dibromomethane | 6.56 | 93 | 44251 | 12.574 ug/l | | 99 |
| 50) t-1,3-Dichloropropene | 7.88 | 75 | 161108 | 18.996 ug/l | | 99 |
| 51) cis-1,3-Dichloropropene | 7.27 | 75 | 119454 | 11.756 ug/l | | 96 |
| 53) 1,3-Dichloropropane | 8.25 | 76 | 69161 | 7.360 ug/l | | 100 |
| 60) 1,1,1,2-Tetrachloroethane | 9.21 | 131 | 71443 | 11.649 ug/l | | 98 |
| 69) Isopropylbenzene | 10.17 | 105 | 189329 | 7.366 ug/l | | 99 |
| 70) 1,1,2,2-Tetrachloroethane | 10.46 | 83 | 138185 | 20.653 ug/l | | 99 |
| 71) 1,2,3-Trichloropropane | 10.50 | 75 | 72488 | 14.042 ug/l | # | 88 |
| 72) Bromobenzene | 10.45 | 156 | 80254 | 12.943 ug/l | | 97 |
| 73) n-propylbenzene | 10.59 | 120 | 131040 | 18.934 ug/l | | 100 |
| 74) 2-Chlorotoluene | 10.66 | 126 | 18511 | 2.927 ug/l | | 99 |
| 75) 1,3,5-Trimethylbenzene | 10.77 | 105 | 411482 | 17.998 ug/l | | 100 |
| 76) 4-Chlorotoluene | 10.77 | 126 | 95848 | 14.768 ug/l | | 96 |
| 77) tert-Butylbenzene | 11.10 | 119 | 384219 | 17.799 ug/l | | 92 |
| 78) 1,2,4-Trimethylbenzene | 11.15 | 105 | 417387 | 14.308 ug/l | | 99 |
| 79) sec-Butylbenzene | 11.32 | 105 | 342484 | 11.564 ug/l | | 99 |
| 81) p-Isopropyltoluene | 11.48 | 119 | 521118 | 16.669 ug/l | | 99 |
| 82) 1,3-Dichlorobenzene | 11.42 | 146 | 245582 | 18.806 ug/l | | 99 |
| 84) n-Butylbenzene | 11.89 | 91 | 209664 | 7.441 ug/l | | 100 |
| 88) Hexachlorobutadiene | 13.69 | 225 | 43658 | 8.618 ug/l | | 97 |
| 89) Naphthalene | 13.75 | 128 | 96957 | 7.178 ug/l | | 100 |
| 90) 1,2,3-Trichlorobenzene | 13.99 | 180 | 136078 | 17.966 ug/l | | 99 |

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

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