Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044977.D
Acq On : 29 Sep 2021 06:04
Operator : SY/MD
Sample : M3952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
MW-3

Quant Time: Sep 29 07:58:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.378 | 168 | 198540 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.253 | 114 | 346861 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.420 | 117 | 346973 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.816 | 152 | 180773 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.710 | 65 | 154536 | 46.759 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 93.520% | | | |
| 35) Dibromofluoromethane | 5.295 | 113 | 110889 | 50.678 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 101.360% | | | |
| 50) Toluene-d8 | 7.902 | 98 | 490277 | 56.708 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 113.420%# | | | |
| 62) 4-Bromofluorobenzene | 10.635 | 95 | 177773 | 49.805 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 99.620% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.629 | 43 | 50881 | 25.937 | ug/l | 96 |
| 25) 2-Butanone | 4.710 | 43 | 19681 | 7.061 | ug/l | 94 |
| 27) cis-1,2-Dichloroethene | 4.674 | 96 | 1220 | 0.401 | ug/l | 95 |
| 31) Cyclohexane | 5.395 | 56 | 738175 | 147.040 | ug/l | 96 |
| 39) Methylcyclohexane | 6.767 | 83 | 1397339 | 313.796 | ug/l | 96 |
| 40) Benzene | 5.780 | 78 | 9460748 | 875.710 | ug/l | 99 |
| 44) Trichloroethene | 6.546 | 130 | 1104 | 0.433 | ug/l | 90 |
| 52) Toluene | 7.973 | 92 | 263051 | 38.904 | ug/l | 99 |
| 64) Tetrachloroethene | 8.558 | 164 | 4248 | 1.876 | ug/l | 95 |
| 67) Ethyl Benzene | 9.574 | 91 | 715610 | 53.458 | ug/l | 100 |
| 68) m/p-Xylenes | 9.697 | 106 | 1255524 | 241.419 | ug/l | 98 |
| 69) o-Xylene | 10.105 | 106 | 31918 | 6.184 | ug/l | 99 |
| 73) Isopropylbenzene | 10.488 | 105 | 201714 | 14.984 | ug/l | 100 |
| 78) n-propylbenzene | 10.909 | 91 | 309117 | 18.843 | ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.092 | 105 | 483126 | 40.966 | ug/l | 99 |
| 83) tert-Butylbenzene | 11.423 | 119 | 28573 | 2.491 | ug/l | 90 |
| 84) 1,2,4-Trimethylbenzene | 11.471 | 105 | 1439960 | 123.418 | ug/l | 99 |
| 85) sec-Butylbenzene | 11.645 | 105 | 96502 | 6.533 | ug/l | 100 |
| 86) p-Isopropyltoluene | 11.796 | 119 | 89707 | 7.549 | ug/l | 98 |
| 89) n-Butylbenzene | 12.208 | 91 | 129607 | 11.842 | ug/l # | 42 |
| 95) Naphthalene | 14.089 | 128 | 370015 | 27.741 | ug/l | 98 |

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

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