Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029584.D
Acq On : 18 Jun 2022 20:52
Operator : JC/MD
Sample : N3290-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-18

Quant Time: Jun 20 01:37:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 270591 | 50.000 | ug/l | # 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 455513 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 403642 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 187926 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 155285 | 43.353 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = | 86.700% | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 134806 | 45.412 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 90.820% | | |
| 50) Toluene-d8 | 8.653 | 98 | 524563 | 48.371 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = | 96.740% | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 194125 | 47.468 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 94.940% | | |
| Target Compounds | | | | | | Qvalue |
| 8) Diethyl Ether | 2.136 | 74 | 985 | 0.552 | ug/l # | 13 |
| 11) Tert butyl alcohol | 2.983 | 59 | 298172 | 387.067 | ug/l | 99 |
| 16) Acetone | 2.386 | 43 | 11019 | 7.718 | ug/l | 93 |
| 17) Carbon Disulfide | 2.520 | 76 | 4629 | 0.651 | ug/l # | 87 |
| 19) Methyl tert-butyl Ether | 3.117 | 73 | 1068775 | 112.300 | ug/l | 94 |
| 22) Diisopropyl ether | 3.764 | 45 | 68212 | 7.790 | ug/l # | 83 |
| 25) 2-Butanone | 4.574 | 43 | 2698 | 1.196 | ug/l # | 81 |
| 29) Tetrahydrofuran | 5.019 | 42 | 14006 | 9.313 | ug/l | 93 |
| 31) Cyclohexane | 5.477 | 56 | 72550 | 15.087 | ug/l | 93 |
| 39) Methylcyclohexane | 7.379 | 83 | 10431 | 2.082 | ug/l | 96 |
| 40) Benzene | 6.044 | 78 | 7623759 | 640.145 | ug/l | 98 |
| 52) Toluene | 8.720 | 92 | 270334 | 35.448 | ug/l | 95 |
| 67) Ethyl Benzene | 10.195 | 91 | 3059788 | 214.755 | ug/l | 96 |
| 68) m/p-Xylenes | 10.305 | 106 | 2868670 | 516.291 | ug/l | 94 |
| 69) o-Xylene | 10.646 | 106 | 1014952 | 184.888 | ug/l | 99 |
| 73) Isopropylbenzene | 10.963 | 105 | 110249 | 7.824 | ug/l | 97 |
| 78) n-propylbenzene | 11.305 | 91 | 180975 | 11.404 | ug/l | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 217545 | 18.333 | ug/l | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.756 | 105 | 822811 | 69.523 | ug/l | 100 |
| 86) p-Isopropyltoluene | 12.012 | 119 | 4082 | 0.340 | ug/l # | 74 |
| 89) n-Butylbenzene | 12.323 | 91 | 3521 | 0.347 | ug/l # | 7 |
| 95) Naphthalene | 13.780 | 128 | 129843 | 9.850 | ug/l | 100 |

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

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