Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033040.D
Acq On : 24 Nov 2022 05:41
Operator : JC/MD
Sample : N5741-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-32

Quant Time: Nov 25 06:37:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 134706 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 217258 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 191844 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 92062 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 72388 | 55.328 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 110.660% | | | |
| 35) Dibromofluoromethane | 5.385 | 113 | 56472 | 46.106 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 92.220% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 196511 | 53.473 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 106.940% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 70845 | 44.032 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 88.060% | | | |
| Target Compounds | | | | | | Qvalue |
| 17) Carbon Disulfide | 2.514 | 76 | 1223 | 0.377 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 6397 | 1.569 | ug/l # | 57 |
| 22) Diisopropyl ether | 3.763 | 45 | 2947 | 0.713 | ug/l # | 95 |
| 39) Methylcyclohexane | 7.385 | 83 | 1710 | 0.765 | ug/l # | 87 |
| 40) Benzene | 6.050 | 78 | 4060 | 0.739 | ug/l | 92 |
| 52) Toluene | 8.726 | 92 | 1755 | 0.486 | ug/l | 92 |
| 67) Ethyl Benzene | 10.195 | 91 | 122771 | 18.095 | ug/l | 99 |
| 68) m/p-Xylenes | 10.305 | 106 | 2709 | 1.020 | ug/l | 100 |
| 69) o-Xylene | 10.640 | 106 | 1616 | 0.629 | ug/l | 98 |
| 73) Isopropylbenzene | 10.963 | 105 | 10129 | 1.540 | ug/l | 99 |
| 78) n-propylbenzene | 11.305 | 91 | 33789 | 4.492 | ug/l | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 54645 | 9.916 | ug/l | 99 |
| 85) sec-Butylbenzene | 11.896 | 105 | 2135 | 0.324 | ug/l | 91 |
| 86) p-Isopropyltoluene | 12.012 | 119 | 1648 | 0.296 | ug/l # | 81 |
| 89) n-Butylbenzene | 12.335 | 91 | 3566 | 0.742 | ug/l # | 67 |

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

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