Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
Data File : VX033332.D
Acq On : 08 Dec 2022 18:36
Operator : JC/MD
Sample : N5906-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 09 00:53:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-6R

**Manual Integrations APPROVED**

Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 163301 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 260278 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 239900 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 118546 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 43890 | 41.894 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 83.780% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 50988 | 43.554 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 87.100% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 116599 | 47.611 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 95.220% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 98049 | 52.361 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 104.720% | | | |
| Target Compounds | | | | | | Qvalue |
| 11) Tert butyl alcohol | 2.989 | 59 | 15673 | 48.933 | ug/l # | 72 |
| 16) Acetone | 2.386 | 43 | 3652 | 4.711 | ug/l | 94 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 98439 | 19.196 | ug/l # | 1 |
| 22) Diisopropyl ether | 3.763 | 45 | 9603 | 1.896 | ug/l # | 75 |
| 25) 2-Butanone | 4.580 | 43 | 2576 | 2.315 | ug/l | 98 |
| 31) Cyclohexane | 5.477 | 56 | 294903 | 118.447 | ug/l | 91 |
| 39) Methylcyclohexane | 7.385 | 83 | 299372 | 117.183 | ug/l | 99 |
| 40) Benzene | 6.050 | 78 | 10276738 | 1544.246 | ug/l | 95 |
| 52) Toluene | 8.720 | 92 | 244610 | 56.850 | ug/l | 99 |
| 65) Chlorobenzene | 10.079 | 112 | 7979 | 1.642 | ug/l | 89 |
| 67) Ethyl Benzene | 10.201 | 91 | 7700725 | 909.889 | ug/l # | 86 |
| 68) m/p-Xylenes | 10.305 | 106 | 453423 | 137.700 | ug/l | 97 |
| 69) o-Xylene | 10.640 | 106 | 123677 | 37.999 | ug/l | 97 |
| 73) Isopropylbenzene | 10.963 | 105 | 1384450 | 161.126 | ug/l | 98 |
| 78) n-propylbenzene | 11.305 | 91 | 3244724 | 338.201 | ug/l | 97 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 204906 | 28.649 | ug/l | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 307854 | 43.120 | ug/l | 97 |
| 85) sec-Butylbenzene | 11.890 | 105 | 140713 | 16.910 | ug/l | 97 |
| 86) p-Isopropyltoluene | 12.012 | 119 | 15249m | 2.125 | ug/l | |
| 89) n-Butylbenzene | 12.329 | 91 | 163148 | 27.765 | ug/l # | 64 |
| 95) Naphthalene | 13.780 | 128 | 3660559 | 462.420 | ug/l | 98 |

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

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