Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
Data File : VN075585.D
Acq On : 06 Dec 2022 15:26
Operator : JC\MD
Sample : N5876-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 07 00:14:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
LIN-VRG-12-02

**Manual Integrations APPROVED**

Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.236 | 168 | 177846 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 9.106 | 114 | 310739 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.871 | 117 | 304607 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.800 | 152 | 164515 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.588 | 65 | 54936 | 57.546 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 115.100% | | | |
| 35) Dibromofluoromethane | 8.177 | 113 | 56865 | 46.585 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 93.160% | | | |
| 50) Toluene-d8 | 10.571 | 98 | 124903 | 45.430 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 90.860% | | | |
| 62) 4-Bromofluorobenzene | 12.853 | 95 | 106872 | 52.664 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 105.320% | | | |
| Target Compounds | | | | | | Qvalue |
| 8) Diethyl Ether | 3.965 | 74 | 215760 | 202.060 | ug/l | 96 |
| 16) Acetone | 4.436 | 43 | 11728641 | 13171.485 | ug/l | 94 |
| 18) Methyl Acetate | 5.030 | 43 | 704436 | 320.816 | ug/l | 95 |
| 19) Methyl tert-butyl Ether | 5.812 | 73 | 306233 | 52.489 | ug/l # | 89 |
| 20) Methylene Chloride | 5.289 | 84 | 13676 | 6.460 | ug/l # | 84 |
| 25) 2-Butanone | 7.488 | 43 | 40484750m | 32565.205 | ug/l | |
| 29) Tetrahydrofuran | 7.847 | 42 | 11856236 | 15678.881 | ug/l | 99 |
| 31) Cyclohexane | 8.259 | 56 | 23940 | 7.893 | ug/l | 96 |
| 39) Methylcyclohexane | 9.606 | 83 | 101770 | 30.546 | ug/l | 98 |
| 40) Benzene | 8.612 | 78 | 15360794 | 1884.681 | ug/l | 98 |
| 51) 4-Methyl-2-Pentanone | 10.453 | 43 | 43806 | 17.876 | ug/l | 99 |
| 52) Toluene | 10.624 | 92 | 25913558m | 4933.881 | ug/l | |
| 67) Ethyl Benzene | 11.971 | 91 | 13510417 | 1258.867 | ug/l | 95 |
| 68) m/p-Xylenes | 12.065 | 106 | 19855872 | 4555.953 | ug/l # | 1 |
| 69) o-Xylene | 12.406 | 106 | 11105632 | 2564.694 | ug/l | 69 |
| 73) Isopropylbenzene | 12.700 | 105 | 1028316 | 85.555 | ug/l | 99 |
| 78) n-propylbenzene | 13.041 | 91 | 1067302 | 79.568 | ug/l | 100 |
| 80) 1,3,5-Trimethylbenzene | 13.176 | 105 | 1560918 | 156.313 | ug/l | 99 |
| 83) tert-Butylbenzene | 13.441 | 119 | 58836 | 6.462 | ug/l | 95 |
| 84) 1,2,4-Trimethylbenzene | 13.488 | 105 | 3337737 | 333.225 | ug/l | 100 |
| 85) sec-Butylbenzene | 13.618 | 105 | 90345m | 7.313 | ug/l | |
| 86) p-Isopropyltoluene | 13.735 | 119 | 58718 | 5.649 | ug/l # | 77 |
| 89) n-Butylbenzene | 14.059 | 91 | 31861 | 3.629 | ug/l # | 75 |
| 95) Naphthalene | 15.641 | 128 | 265586 | 30.060 | ug/l # | 97 |

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

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