Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
Data File : VN074276.D
Acq On : 02 Sep 2022 05:45
Operator : JC\MD
Sample : N4354-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Sep 02 08:40:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 07:02:40 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-27

**Manual Integrations APPROVED**

Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

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09/02/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 8.016 | 168 | 187499 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.904 | 114 | 362125 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.680 | 117 | 339307 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.610 | 152 | 181663 | 50.000 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.375 | 65 | 147888 | 50.846 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 101.700% | | | |
| 35) Dibromofluoromethane | 7.957 | 113 | 112603 | 47.786 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 95.580% | | | |
| 50) Toluene-d8 | 10.380 | 98 | 433013 | 46.661 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 93.320% | | | |
| 62) 4-Bromofluorobenzene | 12.669 | 95 | 175169 | 62.071 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 124.140%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 11) Tert butyl alcohol | 5.281 | 59 | 335141 | 521.267 | ug/l | 99 |
| 16) Acetone | 4.228 | 43 | 40135 | 20.650 | ug/l | 91 |
| 19) Methyl tert-butyl Ether | 5.528 | 73 | 297547 | 36.592 | ug/l | 92 |
| 22) Diisopropyl ether | 6.404 | 45 | 44884 | 4.494 | ug/l # | 85 |
| 25) 2-Butanone | 7.263 | 43 | 28480 | 9.160 | ug/l # | 80 |
| 31) Cyclohexane | 8.028 | 56 | 13783 | 2.868 | ug/l # | 84 |
| 39) Methylcyclohexane | 9.386 | 83 | 1608 | 0.358 | ug/l # | 72 |
| 40) Benzene | 8.392 | 78 | 6103725 | 508.434 | ug/l | 99 |
| 51) 4-Methyl-2-Pentanone | 10.269 | 43 | 21923 | 3.514 | ug/l | 90 |
| 52) Toluene | 10.445 | 92 | 196056 | 27.707 | ug/l | 99 |
| 67) Ethyl Benzene | 11.780 | 91 | 2402632 | 175.350 | ug/l | 100 |
| 68) m/p-Xylenes | 11.892 | 106 | 1100114 | 216.128 | ug/l | 97 |
| 69) o-Xylene | 12.222 | 106 | 705864 | 139.172 | ug/l | 99 |
| 73) Isopropylbenzene | 12.516 | 105 | 115842 | 7.446 | ug/l | 97 |
| 78) n-propylbenzene | 12.857 | 91 | 287383 | 16.205 | ug/l | 95 |
| 80) 1,3,5-Trimethylbenzene | 12.998 | 105 | 174013 | 13.753 | ug/l | 97 |
| 84) 1,2,4-Trimethylbenzene | 13.304 | 105 | 1266351 | 103.703 | ug/l | 98 |
| 85) sec-Butylbenzene | 13.439 | 105 | 13143m | 0.866 | ug/l | |
| 86) p-Isopropyltoluene | 13.551 | 119 | 6325 | 0.535 | ug/l # | 76 |
| 89) n-Butylbenzene | 13.880 | 91 | 9361 | 0.910 | ug/l # | 76 |
| 95) Naphthalene | 15.433 | 128 | 793450 | 57.386 | ug/l | 99 |

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

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