Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015253.D
Acq On : 22 May 2018 23:03
Operator : SJ/JU
Sample : J2133-07
Misc : LOD 2 PPM
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** LOD-MDL-WATER-01-QT2-2018

Quant Time: May 23 05:34:17 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.40 | 152 | 188311 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.24 | 136 | 747438 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.02 | 164 | 386591 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.73 | 188 | 808980 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.83 | 240 | 811910 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.27 | 264 | 830378 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.89 | 112 | 1587003 | 137.88 | ng | | 0.00 |
| 7) Phenol-d6 | 7.55 | 99 | 2015680 | 134.49 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.59 | 82 | 1157304 | 84.82 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.49 | 330 | 707039 | 145.85 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.65 | 172 | 2582992 | 83.06 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.29 | 244 | 3446608 | 93.74 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 17) 2-Methylphenol | 8.85 | 107 | 17093 | 1.689 | ng | # | 90 |
| 19) n-Nitroso-di-n-propylamine | 9.22 | 70 | 16027 | 1.678 | ng | # | 87 |
| 20) 3+4-Methylphenols | 9.19 | 107 | 23568 | 1.754 | ng | | 95 |
| 22) Acetophenone | 9.25 | 105 | 34729 | 1.937 | ng | # | 94 |
| 25) Isophorone | 10.16 | 82 | 36264 | 1.547 | ng | | 97 |
| 26) 2-Nitrophenol | 10.36 | 139 | 7863 | 1.234 | ng | # | 71 |
| 27) 2,4-Dimethylphenol | 10.39 | 122 | 13638 | 1.180 | ng | | 90 |
| 28) bis(2-Chloroethoxy)methane | 10.63 | 93 | 25963 | 1.692 | ng | # | 97 |
| 29) 2,4-Dichlorophenol | 10.89 | 162 | 16026 | 1.464 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 11.10 | 180 | 25888 | 2.007 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 12.50 | 107 | 16416 | 1.468 | ng | | 87 |
| 42) 2,4,6-Trichlorophenol | 13.47 | 196 | 11335 | 1.385 | ng | | 91 |
| 43) 2,4,5-Trichlorophenol | 13.55 | 196 | 13742 | 1.555 | ng | # | 93 |
| 56) 2,4-Dinitrotoluene | 15.37 | 165 | 9666 | 1.097 | ng | # | 89 |
| 60) 4-Chlorophenyl-phenylether | 16.04 | 204 | 29386 | 1.922 | ng | | 99 |
| 61) 4-Nitroaniline | 16.08 | 138 | 7512 | 1.060 | ng | | 71 |
| 76) Benzidine | 19.93 | 184 | 22045 | 0.867 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.74 | 252 | 31137 | 1.644 | ng | | 97 |

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

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