Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
Data File : BM009331.D
Acq On : 22 Mar 2017 22:58
Operator : SJ/MA
Sample : I2296-05
Misc : LOD 2 PPB
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** LOD-WATER-05-QT2-2017

Quant Time: Mar 23 16:21:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 183135 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.66 | 136 | 672702 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.50 | 164 | 379981 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.25 | 188 | 874945 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.42 | 240 | 1158150 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.75 | 264 | 1087551 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 1607826 | 146.34 | ng | | 0.00 |
| 7) Phenol-d6 | 7.02 | 99 | 2165044 | 144.50 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.03 | 82 | 1660004 | 92.52 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.99 | 330 | 723847 | 153.34 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.12 | 172 | 2965390 | 94.04 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.87 | 244 | 4516280 | 81.49 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 17) 2-Methylphenol | 8.29 | 107 | 20746 | 1.95 | ng | # | 78 |
| 19) n-Nitroso-di-n-propylamine | 8.66 | 70 | 20279 | 1.68 | ng | # | 83 |
| 20) 3+4-Methylphenols | 8.62 | 107 | 25173 | 1.74 | ng | # | 87 |
| 22) Acetophenone | 8.69 | 105 | 36032 | 1.90 | ng | # | 84 |
| 25) Isophorone | 9.59 | 82 | 50453 | 1.84 | ng | # | 89 |
| 26) 2-Nitrophenol | 9.77 | 139 | 8467 | 1.60 | ng | # | 52 |
| 27) 2,4-Dimethylphenol | 9.83 | 122 | 15630 | 1.61 | ng | # | 80 |
| 28) bis(2-Chloroethoxy)methane | 10.07 | 93 | 33839 | 2.00 | ng | | 95 |
| 29) 2,4-Dichlorophenol | 10.30 | 162 | 18913 | 1.87 | ng | | 88 |
| 30) 1,2,4-Trichlorobenzene | 10.52 | 180 | 25514 | 2.03 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 11.93 | 107 | 18784 | 1.64 | ng | | 92 |
| 42) 2,4,6-Trichlorophenol | 12.93 | 196 | 13464m | 1.64 | ng | | |
| 43) 2,4,5-Trichlorophenol | 13.00 | 196 | 14233 | 1.56 | ng | # | 92 |
| 56) 2,4-Dinitrotoluene | 14.87 | 165 | 12187 | 1.43 | ng | # | 91 |
| 60) 4-Chlorophenyl-phenylether | 15.54 | 204 | 32253 | 1.93 | ng | | 94 |
| 61) 4-Nitroaniline | 15.58 | 138 | 9151 | 1.36 | ng | # | 32 |
| 76) Benzidine | 19.50 | 184 | 42391 | 1.23 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 21.34 | 252 | 39936 | 1.58 | ng | | 90 |

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

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