Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108028.D
Acq On : 8 Aug 2018 19:12
Operator : JU/SJ
Sample : J3762-07
Misc : LOD 2 PPM
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** LOD-MDL-WATER-01-QT3-2018

Quant Time: Aug 09 07:23:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.01 | 152 | 275156 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.30 | 136 | 1091268 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.06 | 164 | 597002 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.55 | 188 | 1234980 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.21 | 240 | 1120053 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.77 | 264 | 986885 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.64 | 112 | 1940212 | 127.66 | ng | | 0.00 |
| 7) Phenol-d6 | 6.63 | 99 | 2581007 | 127.80 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.58 | 82 | 1706956 | 87.28 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.85 | 330 | 832774 | 139.85 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.38 | 172 | 3055256 | 82.16 | ng | | 0.00 |
| 78) Terphenyl-d14 | 0.00 | 244 | 0d | 0.00 | ng | | |
| **Target Compounds** | | | | | | | Qvalue |
| 17) 2-Methylphenol | 7.24 | 107 | 34533 | 2.353 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.41 | 70 | 29752 | 2.178 | ng | # | 86 |
| 20) 3+4-Methylphenols | 7.40 | 107 | 41656 | 2.214 | ng | | 94 |
| 22) Acetophenone | 7.41 | 105 | 59772 | 2.342 | ng | | 93 |
| 25) Isophorone | 7.82 | 82 | 78607 | 2.109 | ng | # | 93 |
| 26) 2-Nitrophenol | 7.91 | 139 | 11607 | 1.554 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.93 | 122 | 41704 | 2.521 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 8.03 | 93 | 48609 | 2.234 | ng | # | 96 |
| 29) 2,4-Dichlorophenol | 8.14 | 162 | 29317 | 1.926 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 8.23 | 180 | 39063 | 2.327 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 8.82 | 107 | 32882 | 2.002 | ng | | 99 |
| 42) 2,4,6-Trichlorophenol | 9.28 | 196 | 19161 | 1.684 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.31 | 196 | 23831 | 1.903 | ng | | 95 |
| 56) 2,4-Dinitrotoluene | 10.23 | 165 | 20161 | 1.800 | ng | # | 85 |
| 60) 4-Chlorophenyl-phenylether | 10.60 | 204 | 47287 | 2.349 | ng | | 89 |
| 61) 4-Nitroaniline | 10.61 | 138 | 17248 | 1.833 | ng | | 84 |
| 76) Benzidine | 12.89 | 184 | 20492 | 0.490 | ng | # | 93 |
| 81) 3,3'-Dichlorobenzidine | 14.15 | 252 | 25349 | 1.100 | ng | # | 95 |

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

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