Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
Data File : BG016233.D
Acq On : 6 Apr 2015 20:50
Operator : TP/IZ
Sample : G1614-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** LOQ-WATER2015-02

Quant Time: Apr 07 05:11:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 04:17:17 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 65533 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.49 | 136 | 303583 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.34 | 164 | 178168 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.08 | 188 | 386265 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.26 | 240 | 380806 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.51 | 264 | 343375 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.29 | 112 | 713506 | 171.83 | ng | 0.00 |
| 7) Phenol-d6 | 6.88 | 99 | 1014537 | 162.76 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.86 | 82 | 535365 | 102.16 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.83 | 330 | 200629 | 166.51 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 12.96 | 172 | 1070906 | 102.34 | ng | 0.00 |
| 78) Terphenyl-d14 | 19.71 | 244 | 1431905 | 88.00 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.18 | 88 | 36869 | 19.53 | ng | 97 |
| 3) Pyridine | 3.57 | 79 | 100503 | 17.81 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.49 | 42 | 34313 | 20.46 | ng | 100 |
| 6) Aniline | 7.03 | 93 | 96148 | 10.80 | ng | 98 |
| 8) 2-Chlorophenol | 7.27 | 128 | 121863 | 24.44 | ng | 96 |
| 9) Benzaldehyde | 6.84 | 77 | 92021 | 25.20 | ng | 96 |
| 10) Phenol | 6.90 | 94 | 161930 | 24.28 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.13 | 93 | 112421 | 21.14 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.59 | 146 | 108074 | 21.46 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.74 | 146 | 111115 | 21.27 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 8.05 | 146 | 105763 | 21.17 | ng | 99 |
| 15) Benzyl Alcohol | 7.94 | 79 | 94932 | 21.85 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.24 | 45 | 128201 | 21.40 | ng | 98 |
| 17) 2-Methylphenol | 8.14 | 107 | 102379 | 22.89 | ng | 98 |
| 18) Hexachloroethane | 8.77 | 117 | 41168 | 20.60 | ng | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.50 | 70 | 85718 | 19.19 | ng | 99 |
| 20) 3+4-Methylphenols | 8.47 | 107 | 142150 | 22.95 | ng | 99 |
| 22) Acetophenone | 8.52 | 105 | 155355 | 22.07 | ng | 99 |
| 24) Nitrobenzene | 8.90 | 77 | 121305 | 21.65 | ng | 95 |
| 25) Isophorone | 9.42 | 82 | 242203 | 20.81 | ng | 100 |
| 26) 2-Nitrophenol | 9.60 | 139 | 60047 | 22.98 | ng | 97 |
| 27) 2,4-Dimethylphenol | 9.67 | 122 | 114037 | 23.43 | ng | 99 |
| 28) bis(2-Chloroethoxy)methane | 9.90 | 93 | 147144 | 22.15 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.14 | 162 | 98073 | 25.46 | ng | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.35 | 180 | 90000 | 22.38 | ng | 100 |
| 31) Naphthalene | 10.54 | 128 | 345712 | 21.85 | ng | 99 |
| 32) Benzoic acid | 9.77 | 122 | 48088 | 21.12 | ng | 97 |
| 33) 4-Chloroaniline | 10.65 | 127 | 53058 | 7.15 | ng | 98 |
| 34) Hexachlorobutadiene | 10.82 | 225 | 39419 | 22.32 | ng | 97 |
| 35) Caprolactam | 11.40 | 113 | 54327 | 22.40 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 11.78 | 107 | 118561 | 23.30 | ng | 97 |
| 37) 2-Methylnaphthalene | 12.15 | 142 | 251776 | 22.13 | ng | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.52 | 216 | 85642 | 21.83 | ng | 99 |
| 40) Hexachlorocyclopentadiene | 12.50 | 237 | 37632 | 20.96 | ng | 95 |

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|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.77 | 196 | 65880 | 22.60 | ng | 97 |
| 43) 2,4,5-Trichlorophenol | 12.84 | 196 | 72826 | 23.38 | ng | 99 |
| 45) 1,1'-Biphenyl | 13.17 | 154 | 305332 | 22.34 | ng | 98 |
| 46) 2-Chloronaphthalene | 13.21 | 162 | 230530 | 22.14 | ng | 100 |
| 47) 2-Nitroaniline | 13.42 | 65 | 74865 | 22.31 | ng | 98 |
| 48) Acenaphthylene | 14.06 | 152 | 403236 | 21.78 | ng | 99 |
| 49) Dimethylphthalate | 13.80 | 163 | 292145 | 22.37 | ng | 99 |
| 50) 2,6-Dinitrotoluene | 13.92 | 165 | 70128 | 22.21 | ng | 98 |
| 51) Acenaphthene | 14.40 | 154 | 242375 | 21.91 | ng | 98 |
| 52) 3-Nitroaniline | 14.25 | 138 | 46834 | 11.61 | ng | 97 |
| 53) 2,4-Dinitrophenol | 14.46 | 184 | 21410 | 18.77 | ng | 93 |
| 54) Dibenzofuran | 14.74 | 168 | 354725 | 23.11 | ng | 98 |
| 55) 4-Nitrophenol | 14.56 | 139 | 75103 | 22.53 | ng | 98 |
| 56) 2,4-Dinitrotoluene | 14.70 | 165 | 98572 | 22.92 | ng | 97 |
| 57) Fluorene | 15.39 | 166 | 307974 | 22.74 | ng | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.96 | 232 | 57385 | 23.88 | ng | 97 |
| 59) Diethylphthalate | 15.16 | 149 | 314668 | 22.64 | ng | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.39 | 204 | 126688 | 22.87 | ng | 96 |
| 61) 4-Nitroaniline | 15.41 | 138 | 98804 | 21.58 | ng | 97 |
| 62) Azobenzene | 15.67 | 77 | 334367 | 22.60 | ng | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.47 | 198 | 44279 | 18.85 | ng | 98 |
| 65) n-Nitrosodiphenylamine | 15.60 | 169 | 277208 | 21.23 | ng | 98 |
| 66) 4-Bromophenyl-phenylether | 16.27 | 248 | 66344 | 21.51 | ng | 99 |
| 67) Hexachlorobenzene | 16.39 | 284 | 70026 | 21.85 | ng | 94 |
| 68) Atrazine | 16.55 | 200 | 87901 | 24.15 | ng | 99 |
| 69) Pentachlorophenol | 16.73 | 266 | 40849 | 20.87 | ng | 96 |
| 70) Phenanthrene | 17.12 | 178 | 474690 | 21.85 | ng | 99 |
| 71) Anthracene | 17.21 | 178 | 487916 | 22.66 | ng | 99 |
| 72) Carbazole | 17.48 | 167 | 511905 | 23.69 | ng | 99 |
| 73) Di-n-butylphthalate | 18.05 | 149 | 636649 | 24.08 | ng | 98 |
| 74) Fluoranthene | 19.14 | 202 | 544004 | 24.29 | ng | 95 |
| 76) Benzidine | 19.32 | 184 | 87038 | 5.39 | ng | 99 |
| 77) Pyrene | 19.50 | 202 | 584127 | 22.03 | ng | 99 |
| 79) Butylbenzylphthalate | 20.40 | 149 | 299944 | 23.02 | ng | 98 |
| 80) Benzo(a)anthracene | 21.24 | 228 | 506176 | 22.49 | ng | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.18 | 252 | 83145 | 11.23 | ng | 98 |
| 82) Chrysene | 21.30 | 228 | 480755 | 22.13 | ng | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 399542 | 22.65 | ng | 99 |
| 84) Di-n-octyl phthalate | 22.05 | 149 | 662099 | 23.04 | ng | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 25.79 | 276 | 492161 | 21.80 | ng | 99 |
| 87) Benzo(b)fluoranthene | 22.82 | 252 | 459369 | 22.84 | ng | 98 |
| 88) Benzo(k)fluoranthene | 22.87 | 252 | 440839 | 22.40 | ng | 99 |
| 89) Benzo(a)pyrene | 23.41 | 252 | 436169 | 23.14 | ng | 99 |
| 90) Dibenzo(a,h)anthracene | 25.80 | 278 | 404977 | 22.08 | ng | 99 |
| 91) Benzo(g,h,i)perylene | 26.50 | 276 | 410424 | 22.40 | ng | 95 |

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

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