Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
Data File : BG027421.D
Acq On : 14 Jun 2017 17:29
Operator : SJ/MA
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC060

Quant Time: Jun 14 18:23:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 16:47:40 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.53 | 152 | 42266 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.35 | 136 | 223060 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.11 | 164 | 149512 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.86 | 188 | 336522 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 22.24 | 240 | 414213 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.90 | 264 | 381008 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.11 | 112 | 372889 | 134.63 | ng | | 0.00 |
| 7) Phenol-d6 | 7.67 | 99 | 584785 | 143.83 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.69 | 82 | 545990 | 153.94 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.60 | 330 | 287866 | 146.21 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.73 | 172 | 1234881 | 115.55 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.44 | 244 | 1907640 | 117.49 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 4.12 | 88 | 75831 | 66.03 | ng | # | 86 |
| 3) Pyridine | 4.50 | 79 | 242405 | 68.47 | ng | # | 81 |
| 4) n-Nitrosodimethylamine | 4.41 | 42 | 97702 | 74.53 | ng | # | 54 |
| 6) Aniline | 7.85 | 93 | 355945 | 69.52 | ng | | 97 |
| 8) 2-Chlorophenol | 8.09 | 128 | 195849 | 66.96 | ng | | 97 |
| 9) Benzaldehyde | 7.67 | 77 | 175943 | 62.59 | ng | | 88 |
| 10) Phenol | 7.69 | 94 | 295894 | 71.17 | ng | | 79 |
| 11) bis(2-Chloroethyl)ether | 7.94 | 93 | 229717 | 67.35 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 8.42 | 146 | 203151 | 61.58 | ng | | 94 |
| 13) 1,4-Dichlorobenzene | 8.56 | 146 | 212409 | 62.74 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.89 | 146 | 206129 | 62.42 | ng | | 96 |
| 15) Benzyl Alcohol | 8.75 | 79 | 212755 | 74.27 | ng | # | 87 |
| 16) 2,2'-oxybis(1-Chloropropan | 9.03 | 45 | 391501 | 80.22 | ng | | 95 |
| 17) 2-Methylphenol | 8.94 | 107 | 202898 | 69.03 | ng | # | 89 |
| 18) Hexachloroethane | 9.62 | 117 | 79239 | 69.48 | ng | | 86 |
| 19) n-Nitroso-di-n-propylamine | 9.32 | 70 | 220977 | 77.69 | ng | # | 86 |
| 20) 3+4-Methylphenols | 9.27 | 107 | 294821 | 72.42 | ng | | 89 |
| 22) Acetophenone | 9.35 | 105 | 365700 | 64.11 | ng | # | 86 |
| 24) Nitrobenzene | 9.73 | 77 | 300596 | 74.39 | ng | # | 89 |
| 25) Isophorone | 10.26 | 82 | 595970 | 71.46 | ng | # | 97 |
| 26) 2-Nitrophenol | 10.45 | 139 | 119831 | 79.68 | ng | # | 82 |
| 27) 2,4-Dimethylphenol | 10.49 | 122 | 234111 | 65.29 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 10.72 | 93 | 352290 | 65.24 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.98 | 162 | 209154 | 63.89 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 11.20 | 180 | 213774 | 58.97 | ng | | 99 |
| 31) Naphthalene | 11.40 | 128 | 735006 | 60.29 | ng | | 99 |
| 32) Benzoic acid | 10.61 | 122 | 161395 | 73.72 | ng | # | 87 |
| 33) 4-Chloroaniline | 11.50 | 127 | 320939 | 63.18 | ng | | 92 |
| 34) Hexachlorobutadiene | 11.67 | 225 | 133283 | 59.83 | ng | | 98 |
| 35) Caprolactam | 12.28 | 113 | 94114 | 83.82 | ng | | 90 |
| 36) 4-Chloro-3-methylphenol | 12.57 | 107 | 292885 | 71.38 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.97 | 142 | 538365 | 60.54 | ng | | 94 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.32 | 216 | 271900 | 58.38 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 13.30 | 237 | 156138 | 62.98 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.55 | 196 | 188121 | 66.59 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 13.62 | 196 | 212188 | 67.12 | ng | | 93 |
| 45) 1,1'-Biphenyl | 13.95 | 154 | 719459 | 58.95 | ng | | 97 |
| 46) 2-Chloronaphthalene | 14.00 | 162 | 544025 | 59.46 | ng | | 99 |
| 47) 2-Nitroaniline | 14.19 | 65 | 227284 | 96.55 | ng | | 88 |
| 48) Acenaphthylene | 14.84 | 152 | 955819 | 61.73 | ng | | 98 |
| 49) Dimethylphthalate | 14.55 | 163 | 742236 | 62.58 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 14.67 | 165 | 165899 | 75.09 | ng | # | 83 |
| 51) Acenaphthene | 15.17 | 154 | 640350 | 63.58 | ng | | 99 |
| 52) 3-Nitroaniline | 15.01 | 138 | 173442 | 74.48 | ng | | 96 |
| 53) 2,4-Dinitrophenol | 15.21 | 184 | 91691 | 105.91 | ng | | 96 |
| 54) Dibenzofuran | 15.51 | 168 | 849199 | 60.33 | ng | | 94 |
| 55) 4-Nitrophenol | 15.29 | 139 | 145039 | 75.00 | ng | # | 62 |
| 56) 2,4-Dinitrotoluene | 15.46 | 165 | 225944 | 81.09 | ng | # | 93 |
| 57) Fluorene | 16.16 | 166 | 765252 | 61.21 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.73 | 232 | 187612 | 66.48 | ng | | 98 |
| 59) Diethylphthalate | 15.90 | 149 | 758591 | 64.12 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 16.13 | 204 | 390796 | 62.06 | ng | | 97 |
| 61) 4-Nitroaniline | 16.17 | 138 | 184090 | 78.18 | ng | # | 71 |
| 62) Azobenzene | 16.43 | 77 | 779425 | 71.09 | ng | | 89 |
| 64) 4,6-Dinitro-2-methylphenol | 16.22 | 198 | 130195 | 94.73 | ng | | 82 |
| 65) n-Nitrosodiphenylamine | 16.35 | 169 | 657322 | 62.30 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 17.03 | 248 | 253621 | 63.68 | ng | | 95 |
| 67) Hexachlorobenzene | 17.16 | 284 | 280024 | 65.36 | ng | | 91 |
| 68) Atrazine | 17.29 | 200 | 230611 | 65.37 | ng | | 96 |
| 69) Pentachlorophenol | 17.50 | 266 | 166214 | 66.19 | ng | | 97 |
| 70) Phenanthrene | 17.91 | 178 | 1138130 | 60.11 | ng | | 97 |
| 71) Anthracene | 17.99 | 178 | 1162429 | 61.28 | ng | | 99 |
| 72) Carbazole | 18.26 | 167 | 1123792 | 62.81 | ng | | 97 |
| 73) Di-n-butylphthalate | 18.78 | 149 | 1236519 | 71.28 | ng | # | 95 |
| 74) Fluoranthene | 19.89 | 202 | 1337380 | 66.12 | ng | | 93 |
| 76) Benzidine | 20.06 | 184 | 596391 | 47.80 | ng | | 98 |
| 77) Pyrene | 20.26 | 202 | 1372628 | 54.85 | ng | | 98 |
| 79) Butylbenzylphthalate | 21.14 | 149 | 601365 | 68.00 | ng | | 95 |
| 80) Benzo(a)anthracene | 22.22 | 228 | 1449419 | 61.36 | ng | | 96 |
| 81) 3,3'-Dichlorobenzidine | 22.11 | 252 | 574344 | 62.50 | ng | # | 99 |
| 82) Chrysene | 22.30 | 228 | 1370151 | 60.42 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 22.07 | 149 | 868494 | 64.99 | ng | | 99 |
| 84) Di-n-octyl phthalate | 23.44 | 149 | 1452589 | 65.63 | ng | # | 92 |
| 85) Indeno(1,2,3-cd)pyrene | 30.12 | 276 | 1756850 | 63.96 | ng | # | 93 |
| 87) Benzo(b)fluoranthene | 24.73 | 252 | 1533813 | 64.91 | ng | # | 97 |
| 88) Benzo(k)fluoranthene | 24.80 | 252 | 1449105 | 62.51 | ng | # | 93 |
| 89) Benzo(a)pyrene | 25.73 | 252 | 1423492 | 63.99 | ng | # | 94 |
| 90) Dibenzo(a,h)anthracene | 30.20 | 278 | 1534937 | 65.92 | ng | # | 93 |
| 91) Benzo(g,h,i)perylene | 31.46 | 276 | 1453350 | 64.45 | ng | # | 90 |

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

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