Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026019.D
Acq On : 1 Mar 2017 10:42
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040EC

Quant Time: Mar 01 12:33:18 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.08 | 152 | 129597 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.88 | 136 | 630603 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 14.68 | 164 | 463933 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 17.41 | 188 | 950387 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.66 | 240 | 940625 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 24.86 | 264 | 960553 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.64 | 112 | 609142 | 81.83 | ng | | -0.01 |
| 7) Phenol-d6 | 7.23 | 99 | 899304 | 81.64 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.23 | 82 | 805623 | 80.62 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.16 | 330 | 381866 | 89.09 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.31 | 172 | 2057884 | 77.51 | ng | | -0.01 |
| 78) Terphenyl-d14 | 20.01 | 244 | 2884017 | 74.57 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.54 | 88 | 126320 | 37.13 | ng | # | 80 |
| 3) Pyridine | 3.94 | 79 | 378892 | 37.37 | ng | # | 69 |
| 4) n-Nitrosodimethylamine | 3.85 | 42 | 125234 | 34.35 | ng | # | 19 |
| 6) Aniline | 7.40 | 93 | 593201 | 38.73 | ng | # | 90 |
| 8) 2-Chlorophenol | 7.64 | 128 | 362851 | 41.01 | ng | | 85 |
| 9) Benzaldehyde | 7.21 | 77 | 228659 | 35.03 | ng | # | 73 |
| 10) Phenol | 7.26 | 94 | 481928 | 40.26 | ng | # | 74 |
| 11) bis(2-Chloroethyl)ether | 7.49 | 93 | 370650 | 37.67 | ng | # | 83 |
| 12) 1,3-Dichlorobenzene | 7.97 | 146 | 404321 | 39.54 | ng | # | 86 |
| 13) 1,4-Dichlorobenzene | 8.12 | 146 | 419942 | 40.54 | ng | | 93 |
| 14) 1,2-Dichlorobenzene | 8.43 | 146 | 400725 | 39.40 | ng | # | 92 |
| 15) Benzyl Alcohol | 8.31 | 79 | 315102 | 39.06 | ng | # | 78 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.60 | 45 | 443496 | 31.06 | ng | | 88 |
| 17) 2-Methylphenol | 8.51 | 107 | 346782 | 40.22 | ng | # | 81 |
| 18) Hexachloroethane | 9.17 | 117 | 136972 | 39.89 | ng | | 89 |
| 19) n-Nitroso-di-n-propylamine | 8.87 | 70 | 294361 | 36.59 | ng | # | 76 |
| 20) 3+4-Methylphenols | 8.84 | 107 | 501775 | 40.84 | ng | | 88 |
| 22) Acetophenone | 8.89 | 105 | 591118 | 39.06 | ng | # | 78 |
| 24) Nitrobenzene | 9.27 | 77 | 425894 | 39.41 | ng | # | 77 |
| 25) Isophorone | 9.80 | 82 | 851576 | 38.73 | ng | # | 91 |
| 26) 2-Nitrophenol | 9.98 | 139 | 232577 | 46.03 | ng | # | 68 |
| 27) 2,4-Dimethylphenol | 10.04 | 122 | 392193 | 41.59 | ng | | 87 |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93 | 529682 | 38.01 | ng | # | 96 |
| 29) 2,4-Dichlorophenol | 10.52 | 162 | 401994 | 44.66 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.74 | 180 | 408944 | 41.77 | ng | | 99 |
| 31) Naphthalene | 10.93 | 128 | 1299430 | 39.86 | ng | | 100 |
| 32) Benzoic acid | 10.17 | 122 | 333849 | 46.36 | ng | # | 77 |
| 33) 4-Chloroaniline | 11.02 | 127 | 585397 | 41.34 | ng | # | 84 |
| 34) Hexachlorobutadiene | 11.22 | 225 | 227155 | 40.78 | ng | | 98 |
| 35) Caprolactam | 11.79 | 113 | 160942 | 44.28 | ng | # | 67 |
| 36) 4-Chloro-3-methylphenol | 12.14 | 107 | 461524 | 42.86 | ng | # | 77 |
| 37) 2-Methylnaphthalene | 12.52 | 142 | 1007505 | 40.57 | ng | # | 93 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 477809 | 41.09 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 12.88 | 237 | 243737 | 38.31 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.12 | 196 | 331661 | 44.16 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 13.19 | 196 | 385696 | 45.24 | ng | # | 94 |
| 45) 1,1'-Biphenyl | 13.52 | 154 | 1321364 | 39.30 | ng | | 99 |
| 46) 2-Chloronaphthalene | 13.56 | 162 | 976940 | 40.20 | ng | | 97 |
| 47) 2-Nitroaniline | 13.76 | 65 | 318014 | 41.25 | ng | # | 65 |
| 48) Acenaphthylene | 14.40 | 152 | 1731856 | 40.02 | ng | | 99 |
| 49) Dimethylphthalate | 14.13 | 163 | 1242273 | 39.03 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.25 | 165 | 311021 | 43.50 | ng | # | 61 |
| 51) Acenaphthene | 14.74 | 154 | 1153840 | 40.37 | ng | | 100 |
| 52) 3-Nitroaniline | 14.57 | 138 | 340589 | 42.59 | ng | # | 72 |
| 53) 2,4-Dinitrophenol | 14.78 | 184 | 160899 | 43.01 | ng | # | 82 |
| 54) Dibenzofuran | 15.08 | 168 | 1516795 | 39.81 | ng | # | 89 |
| 55) 4-Nitrophenol | 14.87 | 139 | 266421 | 40.93 | ng | # | 44 |
| 56) 2,4-Dinitrotoluene | 15.03 | 165 | 425331 | 44.22 | ng | # | 74 |
| 57) Fluorene | 15.72 | 166 | 1349048 | 39.62 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.30 | 232 | 324453 | 43.14 | ng | | 99 |
| 59) Diethylphthalate | 15.48 | 149 | 1278928 | 38.85 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.71 | 204 | 640260 | 40.58 | ng | | 93 |
| 61) 4-Nitroaniline | 15.73 | 138 | 345311 | 41.65 | ng | # | 53 |
| 62) Azobenzene | 16.00 | 77 | 1059848 | 37.45 | ng | | 84 |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198 | 243885 | 43.85 | ng | | 88 |
| 65) n-Nitrosodiphenylamine | 15.92 | 169 | 1176776 | 40.83 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.60 | 248 | 421492 | 42.31 | ng | | 97 |
| 67) Hexachlorobenzene | 16.72 | 284 | 431064 | 41.99 | ng | | 94 |
| 68) Atrazine | 16.86 | 200 | 409920 | 40.18 | ng | | 98 |
| 69) Pentachlorophenol | 17.06 | 266 | 271572 | 42.88 | ng | | 97 |
| 70) Phenanthrene | 17.45 | 178 | 2012133 | 39.00 | ng | | 98 |
| 71) Anthracene | 17.55 | 178 | 2075592 | 39.46 | ng | | 99 |
| 72) Carbazole | 17.80 | 167 | 2040577 | 38.62 | ng | | 97 |
| 73) Di-n-butylphthalate | 18.36 | 149 | 2104255 | 40.57 | ng | # | 95 |
| 74) Fluoranthene | 19.45 | 202 | 2193731 | 38.62 | ng | | 95 |
| 76) Benzidine | 19.62 | 184 | 978756 | 32.96 | ng | | 98 |
| 77) Pyrene | 19.81 | 202 | 2275302 | 38.25 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.69 | 149 | 962135 | 42.62 | ng | | 86 |
| 80) Benzo(a)anthracene | 21.64 | 228 | 2180045 | 39.70 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.55 | 252 | 837062 | 42.76 | ng | # | 98 |
| 82) Chrysene | 21.71 | 228 | 2093833 | 39.65 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.55 | 149 | 1368079 | 41.97 | ng | | 97 |
| 84) Di-n-octyl phthalate | 22.75 | 149 | 2340656 | 43.48 | ng | # | 84 |
| 85) Indeno(1,2,3-cd)pyrene | 28.52 | 276 | 2645739 | 42.53 | ng | # | 87 |
| 87) Benzo(b)fluoranthene | 23.84 | 252 | 2276772 | 39.58 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 23.92 | 252 | 2214197 | 39.45 | ng | # | 94 |
| 89) Benzo(a)pyrene | 24.71 | 252 | 2198798 | 40.36 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 28.58 | 278 | 2238588 | 40.90 | ng | # | 94 |
| 91) Benzo(g,h,i)perylene | 29.66 | 276 | 2245669 | 40.93 | ng | # | 87 |

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

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