Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061815\
Data File : BG017718.D
Acq On : 18 Jun 2015 11:29
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC010

Quant Time: Jun 19 04:27:04 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 04:20:56 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 65398 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.40 | 136 | 307559 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.27 | 164 | 192442 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.03 | 188 | 432127 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.23 | 240 | 451921 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.47 | 264 | 426311 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.22 | 112 | 75073 | 16.98 | ng | | 0.00 |
| 7) Phenol-d6 | 6.79 | 99 | 105555 | 19.77 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.77 | 82 | 106186 | 21.06 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.77 | 330 | 34379 | 22.51 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.89 | 172 | 250937 | 16.12 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.68 | 244 | 443977 | 20.03 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.18 | 88 | 16922 | 9.75 | ng | # | 92 |
| 3) Pyridine | 3.57 | 79 | 44448 | 9.82 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.49 | 42 | 19154 | 9.42 | ng | # | 87 |
| 6) Aniline | 6.95 | 93 | 71131 | 10.62 | ng | | 97 |
| 8) 2-Chlorophenol | 7.18 | 128 | 47226 | 9.69 | ng | | 94 |
| 9) Benzaldehyde | 6.77 | 77 | 36874 | 19.21 | ng | | 93 |
| 10) Phenol | 6.82 | 94 | 57334 | 10.16 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.05 | 93 | 42870 | 9.76 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.51 | 146 | 52830 | 10.07 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.65 | 146 | 55320 | 10.26 | ng | | 93 |
| 14) 1,2-Dichlorobenzene | 7.96 | 146 | 52335 | 10.39 | ng | | 98 |
| 15) Benzyl Alcohol | 7.86 | 79 | 44934 | 14.30 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.16 | 45 | 68195 | 8.42 | ng | | 99 |
| 17) 2-Methylphenol | 8.06 | 107 | 40665 | 11.40 | ng | | 97 |
| 18) Hexachloroethane | 8.69 | 117 | 19991 | 11.38 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.43 | 70 | 44871 | 15.13 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.39 | 107 | 55942 | 11.75 | ng | | 96 |
| 22) Acetophenone | 8.44 | 105 | 69254 | 9.27 | ng | # | 94 |
| 24) Nitrobenzene | 8.81 | 77 | 57516 | 11.62 | ng | | 97 |
| 25) Isophorone | 9.34 | 82 | 119520 | 12.13 | ng | | 99 |
| 26) 2-Nitrophenol | 9.52 | 139 | 23502 | 7.80 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.59 | 122 | 48866 | 9.09 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 9.83 | 93 | 58852 | 9.36 | ng | | 94 |
| 29) 2,4-Dichlorophenol | 10.05 | 162 | 43268 | 9.95 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.27 | 180 | 49401 | 10.52 | ng | | 97 |
| 31) Naphthalene | 10.45 | 128 | 169086 | 9.58 | ng | | 98 |
| 32) Benzoic acid | 9.66 | 122 | 16863 | 4.96 | ng | | 95 |
| 33) 4-Chloroaniline | 10.57 | 127 | 72104 | 10.37 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.74 | 225 | 27772 | 13.15 | ng | | 93 |
| 35) Caprolactam | 11.32 | 113 | 24283 | 14.30 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 11.69 | 107 | 53531 | 12.94 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.08 | 142 | 120675 | 11.02 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.45 | 216 | 51564 | 9.60 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 12.43 | 237 | 33595 | 10.39 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.69 | 196 | 33540 | 9.35 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 12.76 | 196 | 37233 | 9.95 | ng | | 97 |
| 45) 1,1'-Biphenyl | 13.10 | 154 | 146089 | 8.13 | ng | | 98 |
| 46) 2-Chloronaphthalene | 13.14 | 162 | 115376 | 9.24 | ng | | 99 |
| 47) 2-Nitroaniline | 13.35 | 65 | 31879 | 9.49 | ng | | 99 |
| 48) Acenaphthylene | 13.99 | 152 | 211488 | 9.56 | ng | | 98 |
| 49) Dimethylphthalate | 13.75 | 163 | 151651 | 11.40 | ng | | 97 |
| 50) 2,6-Dinitrotoluene | 13.86 | 165 | 28012 | 9.14 | ng | | 99 |
| 51) Acenaphthene | 14.34 | 154 | 125769 | 9.27 | ng | | 94 |
| 52) 3-Nitroaniline | 14.18 | 138 | 32985 | 8.74 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 14.39 | 184 | 8957 | 5.62 | ng | | 97 |
| 54) Dibenzofuran | 14.68 | 168 | 180307 | 10.28 | ng | | 95 |
| 55) 4-Nitrophenol | 14.49 | 139 | 25608 | 8.47 | ng | | 94 |
| 56) 2,4-Dinitrotoluene | 14.64 | 165 | 33002 | 8.64 | ng | # | 98 |
| 57) Fluorene | 15.33 | 166 | 162817 | 10.58 | ng | | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.90 | 232 | 30406 | 10.54 | ng | | 98 |
| 59) Diethylphthalate | 15.12 | 149 | 167514 | 12.41 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.33 | 204 | 71846 | 11.47 | ng | | 97 |
| 61) 4-Nitroaniline | 15.35 | 138 | 37141 | 9.66 | ng | | 93 |
| 62) Azobenzene | 15.63 | 77 | 175054 | 13.79 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 15.40 | 198 | 15317 | 6.02 | ng | | 90 |
| 65) n-Nitrosodiphenylamine | 15.55 | 169 | 138813 | 8.85 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 16.23 | 248 | 42579 | 10.36 | ng | | 99 |
| 67) Hexachlorobenzene | 16.33 | 284 | 46488 | 10.52 | ng | | 98 |
| 68) Atrazine | 16.51 | 200 | 52711 | 13.43 | ng | | 99 |
| 69) Pentachlorophenol | 16.68 | 266 | 21604 | 7.93 | ng | | 96 |
| 70) Phenanthrene | 17.07 | 178 | 254011 | 9.62 | ng | | 98 |
| 71) Anthracene | 17.16 | 178 | 250947 | 9.56 | ng | | 98 |
| 72) Carbazole | 17.43 | 167 | 250879 | 10.27 | ng | | 96 |
| 73) Di-n-butylphthalate | 18.02 | 149 | 326423 | 11.12 | ng | | 98 |
| 74) Fluoranthene | 19.10 | 202 | 298787 | 12.60 | ng | | 97 |
| 76) Benzidine | 19.29 | 184 | 163189 | 14.05 | ng | | 99 |
| 77) Pyrene | 19.46 | 202 | 307851 | 8.85 | ng | | 97 |
| 79) Butylbenzylphthalate | 20.39 | 149 | 137734 | 8.60 | ng | | 100 |
| 80) Benzo(a)anthracene | 21.22 | 228 | 275487 | 10.18 | ng | | 94 |
| 81) 3,3'-Dichlorobenzidine | 21.16 | 252 | 96946 | 11.28 | ng | | 98 |
| 82) Chrysene | 21.27 | 228 | 250835 | 9.63 | ng | | 95 |
| 83) Bis(2-ethylhexyl)phthalate | 21.18 | 149 | 194672 | 8.60 | ng | | 96 |
| 84) Di-n-octyl phthalate | 22.06 | 149 | 333284 | 9.72 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 284009 | 12.21 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 22.80 | 252 | 253842 | 9.54 | ng | | 96 |
| 88) Benzo(k)fluoranthene | 22.85 | 252 | 258472 | 9.59 | ng | | 97 |
| 89) Benzo(a)pyrene | 23.37 | 252 | 237591 | 9.56 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 25.77 | 278 | 236806 | 10.72 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 26.44 | 276 | 230688 | 10.34 | ng | | 98 |

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

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