Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
Data File : BG016585.D
Acq On : 21 Apr 2015 16:19
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
apatel
4/22/2015 5:20:58 PM

Quant Time: Apr 22 01:58:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 01:14:44 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.64 | 152 | 49040 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.42 | 136 | 229996 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.28 | 164 | 134457 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.03 | 188 | 289183 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.20 | 240 | 304066 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.42 | 264 | 284899 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.23 | 112 | 61579 | 19.78 | ng | | 0.00 |
| 7) Phenol-d6 | 6.83 | 99 | 84764 | 18.28 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.79 | 82 | 75210 | 18.96 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.77 | 330 | 18051 | 19.46 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.90 | 172 | 175165 | 21.96 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.65 | 244 | 276561 | 21.17 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.11 | 88 | 14216 | 10.02 | ng | | 96 |
| 3) Pyridine | 3.51 | 79 | 38167 | 9.11 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.42 | 42 | 11193 | 9.02 | ng | | 89 |
| 6) Aniline | 6.97 | 93 | 58659 | 8.91 | ng | | 99 |
| 8) 2-Chlorophenol | 7.21 | 128 | 36189 | 9.70 | ng | | 100 |
| 9) Benzaldehyde | 6.78 | 77 | 25873 | 9.92 | ng | | 98 |
| 10) Phenol | 6.86 | 94 | 44545 | 9.00 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.07 | 93 | 36694 | 9.34 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.53 | 146 | 40477 | 10.71 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 7.67 | 146 | 40153 | 10.21 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.98 | 146 | 37429 | 10.00 | ng | | 97 |
| 15) Benzyl Alcohol | 7.88 | 79 | 25325 | 7.94 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.18 | 45 | 34741 | 8.02 | ng | | 93 |
| 17) 2-Methylphenol | 8.09 | 107 | 30310 | 9.15 | ng | | 91 |
| 18) Hexachloroethane | 8.71 | 117 | 13837 | 9.31 | ng | | 85 |
| 19) n-Nitroso-di-n-propylamine | 8.44 | 70 | 27172 | 8.36 | ng | # | 97 |
| 20) 3+4-Methylphenols | 8.42 | 107 | 40933 | 8.91 | ng | | 98 |
| 22) Acetophenone | 8.46 | 105 | 51031 | 9.54 | ng | # | 99 |
| 24) Nitrobenzene | 8.84 | 77 | 38479 | 9.10 | ng | | 98 |
| 25) Isophorone | 9.35 | 82 | 75378 | 8.63 | ng | | 98 |
| 26) 2-Nitrophenol | 9.55 | 139 | 19982 | 9.89 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.62 | 122 | 35714 | 9.60 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 9.84 | 93 | 46327 | 9.26 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.09 | 162 | 28153 | 9.50 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.29 | 180 | 32250 | 10.41 | ng | | 98 |
| 31) Naphthalene | 10.47 | 128 | 121893 | 10.07 | ng | | 99 |
| 32) Benzoic acid | 9.79 | 122 | 4525m | 2.32 | ng | | |
| 33) 4-Chloroaniline | 10.59 | 127 | 53674 | 9.45 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.75 | 225 | 14432 | 10.66 | ng | | 96 |
| 35) Caprolactam | 11.34 | 113 | 16029 | 8.62 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 11.73 | 107 | 34933 | 9.00 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.09 | 142 | 87839 | 10.08 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.47 | 216 | 32284 | 10.81 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 12.44 | 237 | 4975 | 3.85 | ng | | 87 |

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|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.71 | 196 | 20444 | 9.21 | ng | 96 |
| 43) 2,4,5-Trichlorophenol | 12.80 | 196 | 22908 | 9.63 | ng | 96 |
| 45) 1,1'-Biphenyl | 13.11 | 154 | 108163 | 10.40 | ng | 99 |
| 46) 2-Chloronaphthalene | 13.15 | 162 | 81202 | 10.22 | ng | 98 |
| 47) 2-Nitroaniline | 13.37 | 65 | 21232 | 8.36 | ng | 91 |
| 48) Acenaphthylene | 14.00 | 152 | 145724 | 10.29 | ng | 99 |
| 49) Dimethylphthalate | 13.74 | 163 | 100809 | 10.07 | ng | 97 |
| 50) 2,6-Dinitrotoluene | 13.86 | 165 | 24049 | 9.91 | ng | 96 |
| 51) Acenaphthene | 14.35 | 154 | 86371 | 10.21 | ng | 97 |
| 52) 3-Nitroaniline | 14.20 | 138 | 28568 | 9.21 | ng | 99 |
| 53) 2,4-Dinitrophenol | 14.42 | 184 | 3063 | 2.75 | ng | 94 |
| 54) Dibenzofuran | 14.68 | 168 | 123275 | 10.45 | ng | 98 |
| 55) 4-Nitrophenol | 14.53 | 139 | 17405 | 6.85 | ng | 96 |
| 56) 2,4-Dinitrotoluene | 14.66 | 165 | 32712 | 9.78 | ng | 98 |
| 57) Fluorene | 15.33 | 166 | 108386 | 10.41 | ng | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.92 | 232 | 16861 | 9.14 | ng | 98 |
| 59) Diethylphthalate | 15.11 | 149 | 106760 | 9.97 | ng | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.33 | 204 | 44614 | 10.51 | ng | 98 |
| 61) 4-Nitroaniline | 15.36 | 138 | 33418 | 9.41 | ng | 98 |
| 62) Azobenzene | 15.62 | 77 | 100866 | 9.03 | ng | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 15.42 | 198 | 13318 | 7.66 | ng | 97 |
| 65) n-Nitrosodiphenylamine | 15.55 | 169 | 100073 | 10.18 | ng | 96 |
| 66) 4-Bromophenyl-phenylether | 16.22 | 248 | 22766 | 9.84 | ng | 98 |
| 67) Hexachlorobenzene | 16.33 | 284 | 24493 | 10.16 | ng | 97 |
| 68) Atrazine | 16.49 | 200 | 28007 | 10.17 | ng | 100 |
| 69) Pentachlorophenol | 16.69 | 266 | 6381 | 4.51 | ng | 94 |
| 70) Phenanthrene | 17.07 | 178 | 173768 | 10.55 | ng | 98 |
| 71) Anthracene | 17.15 | 178 | 170121 | 10.42 | ng | 98 |
| 72) Carbazole | 17.43 | 167 | 174239 | 10.57 | ng | 100 |
| 73) Di-n-butylphthalate | 17.99 | 149 | 213687 | 10.64 | ng | 99 |
| 74) Fluoranthene | 19.08 | 202 | 192948 | 11.28 | ng | 99 |
| 76) Benzidine | 19.28 | 184 | 117689 | 9.27 | ng | 99 |
| 77) Pyrene | 19.45 | 202 | 209293 | 9.80 | ng | 98 |
| 79) Butylbenzylphthalate | 20.35 | 149 | 100894 | 9.59 | ng | 98 |
| 80) Benzo(a)anthracene | 21.19 | 228 | 191284 | 10.51 | ng | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.13 | 252 | 62083 | 10.41 | ng | 98 |
| 82) Chrysene | 21.24 | 228 | 185315 | 10.54 | ng | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 141635 | 9.90 | ng | 98 |
| 84) Di-n-octyl phthalate | 21.98 | 149 | 239781 | 10.30 | ng | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 192611 | 10.49 | ng | 99 |
| 87) Benzo(b)fluoranthene | 22.75 | 252 | 178351 | 10.58 | ng | 97 |
| 88) Benzo(k)fluoranthene | 22.80 | 252 | 167641 | 10.07 | ng | 98 |
| 89) Benzo(a)pyrene | 23.32 | 252 | 162838 | 10.26 | ng | 98 |
| 90) Dibenzo(a,h)anthracene | 25.68 | 278 | 158351 | 10.24 | ng | 96 |
| 91) Benzo(g,h,i)perylene | 26.36 | 276 | 159594 | 10.30 | ng | 99 |

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

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