Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
Data File : BG016304.D
Acq On : 10 Apr 2015 00:19
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040

Quant Time: Apr 10 03:46:45 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 | 81203 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.48 | 136 | 408070 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.34 | 164 | 248192 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.08 | 188 | 495204 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.26 | 240 | 406156 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.50 | 264 | 391032 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.28 | 112 | 402305 | 78.19 | ng | | 0.00 |
| 7) Phenol-d6 | 6.89 | 99 | 636947 | 82.46 | ng | | 0.02 |
| 23) Nitrobenzene-d5 | 8.86 | 82 | 531926 | 75.51 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.83 | 330 | 139168 | 82.91 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.96 | 172 | 1083612 | 74.34 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.70 | 244 | 1284639 | 74.03 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.17 | 88 | 80377 | 34.36 | ng | | 98 |
| 3) Pyridine | 3.57 | 79 | 254468 | 36.40 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.49 | 42 | 75469 | 36.32 | ng | | 98 |
| 6) Aniline | 7.03 | 93 | 417178 | 37.82 | ng | | 99 |
| 8) 2-Chlorophenol | 7.27 | 128 | 253614 | 41.04 | ng | | 97 |
| 9) Benzaldehyde | 6.84 | 77 | 150652 | 33.30 | ng | | 98 |
| 10) Phenol | 6.91 | 94 | 340364 | 41.18 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.13 | 93 | 240848 | 36.55 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 7.59 | 146 | 237834 | 38.12 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.73 | 146 | 244849 | 37.83 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.05 | 146 | 235572 | 38.06 | ng | | 98 |
| 15) Benzyl Alcohol | 7.94 | 79 | 207158 | 38.47 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.23 | 45 | 259711 | 34.99 | ng | | 98 |
| 17) 2-Methylphenol | 8.15 | 107 | 227154 | 40.99 | ng | | 97 |
| 18) Hexachloroethane | 8.77 | 117 | 92382 | 37.31 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.50 | 70 | 201464 | 36.40 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.48 | 107 | 320041 | 41.69 | ng | | 96 |
| 22) Acetophenone | 8.52 | 105 | 350710 | 37.06 | ng | # | 99 |
| 24) Nitrobenzene | 8.90 | 77 | 280821 | 37.28 | ng | | 95 |
| 25) Isophorone | 9.41 | 82 | 563089 | 36.00 | ng | | 99 |
| 26) 2-Nitrophenol | 9.60 | 139 | 152153 | 43.32 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.67 | 122 | 269319 | 41.16 | ng | | 100 |
| 28) bis(2-Chloroethoxy)methane | 9.90 | 93 | 332900 | 37.28 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.14 | 162 | 230009 | 44.43 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.35 | 180 | 211153 | 39.06 | ng | | 99 |
| 31) Naphthalene | 10.54 | 128 | 807649 | 37.98 | ng | | 100 |
| 32) Benzoic acid | 9.83 | 122 | 180961 | 43.42 | ng | | 96 |
| 33) 4-Chloroaniline | 10.65 | 127 | 402736 | 40.36 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.82 | 225 | 93682 | 39.46 | ng | | 99 |
| 35) Caprolactam | 11.42 | 113 | 132066 | 40.52 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.79 | 107 | 295047 | 43.14 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.15 | 142 | 593685 | 38.81 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.52 | 216 | 209390 | 38.32 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.50 | 237 | 92002 | 36.78 | ng | | 98 |

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|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.77 | 196 | 172591 | 42.50 | ng | 98 |
| 43) 2,4,5-Trichlorophenol | 12.85 | 196 | 187618 | 43.25 | ng | 99 |
| 45) 1,1'-Biphenyl | 13.17 | 154 | 707677 | 37.17 | ng | 99 |
| 46) 2-Chloronaphthalene | 13.21 | 162 | 546772 | 37.70 | ng | 99 |
| 47) 2-Nitroaniline | 13.42 | 65 | 186531 | 39.90 | ng | 99 |
| 48) Acenaphthylene | 14.06 | 152 | 973192 | 37.74 | ng | 99 |
| 49) Dimethylphthalate | 13.80 | 163 | 670845 | 36.88 | ng | 99 |
| 50) 2,6-Dinitrotoluene | 13.92 | 165 | 174298 | 39.62 | ng | 97 |
| 51) Acenaphthene | 14.40 | 154 | 586618 | 38.07 | ng | 98 |
| 52) 3-Nitroaniline | 14.25 | 138 | 221073 | 39.35 | ng | 98 |
| 53) 2,4-Dinitrophenol | 14.46 | 184 | 69876 | 32.87 | ng | 99 |
| 54) Dibenzofuran | 14.74 | 168 | 801948 | 37.50 | ng | 100 |
| 55) 4-Nitrophenol | 14.57 | 139 | 174161 | 37.51 | ng | 99 |
| 56) 2,4-Dinitrotoluene | 14.71 | 165 | 238595 | 39.82 | ng | 93 |
| 57) Fluorene | 15.38 | 166 | 707476 | 37.50 | ng | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.97 | 232 | 138706 | 41.43 | ng | 96 |
| 59) Diethylphthalate | 15.17 | 149 | 711208 | 36.73 | ng | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.38 | 204 | 288184 | 37.34 | ng | 98 |
| 61) 4-Nitroaniline | 15.42 | 138 | 243122 | 38.12 | ng | 97 |
| 62) Azobenzene | 15.67 | 77 | 739369 | 35.88 | ng | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 15.47 | 198 | 119039 | 35.27 | ng | 97 |
| 65) n-Nitrosodiphenylamine | 15.60 | 169 | 658939 | 39.36 | ng | 99 |
| 66) 4-Bromophenyl-phenylether | 16.27 | 248 | 155002 | 39.20 | ng | 97 |
| 67) Hexachlorobenzene | 16.39 | 284 | 161919 | 39.40 | ng | 96 |
| 68) Atrazine | 16.55 | 200 | 178289 | 38.21 | ng | 100 |
| 69) Pentachlorophenol | 16.74 | 266 | 98036 | 39.07 | ng | 97 |
| 70) Phenanthrene | 17.12 | 178 | 1044576 | 37.50 | ng | 99 |
| 71) Anthracene | 17.21 | 178 | 1051227 | 38.08 | ng | 99 |
| 72) Carbazole | 17.49 | 167 | 1021055 | 36.86 | ng | 99 |
| 73) Di-n-butylphthalate | 18.05 | 149 | 1262066 | 37.23 | ng | 99 |
| 74) Fluoranthene | 19.14 | 202 | 1044041 | 36.37 | ng | 98 |
| 76) Benzidine | 19.33 | 184 | 549809 | 31.92 | ng | 99 |
| 77) Pyrene | 19.50 | 202 | 1065164 | 37.66 | ng | 99 |
| 79) Butylbenzylphthalate | 20.40 | 149 | 557640 | 40.13 | ng | 95 |
| 80) Benzo(a)anthracene | 21.24 | 228 | 904368 | 37.68 | ng | 100 |
| 81) 3,3'-Dichlorobenzidine | 21.18 | 252 | 310588 | 39.35 | ng | 99 |
| 82) Chrysene | 21.29 | 228 | 879827 | 37.97 | ng | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 750624 | 39.90 | ng | 98 |
| 84) Di-n-octyl phthalate | 22.05 | 149 | 1260116 | 41.12 | ng | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 25.79 | 276 | 970210 | 40.30 | ng | 99 |
| 87) Benzo(b)fluoranthene | 22.82 | 252 | 866351 | 37.83 | ng | 100 |
| 88) Benzo(k)fluoranthene | 22.87 | 252 | 842312 | 37.58 | ng | 98 |
| 89) Benzo(a)pyrene | 23.40 | 252 | 814270 | 37.94 | ng | 99 |
| 90) Dibenzo(a,h)anthracene | 25.81 | 278 | 802130 | 38.40 | ng | 98 |
| 91) Benzo(g,h,i)perylene | 26.49 | 276 | 811878 | 38.91 | ng | 99 |

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

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