Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
Data File : BG016462.D
Acq On : 16 Apr 2015 19:06
Operator : TP/IZ
Sample : G1860-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MW-1MSD

Quant Time: Apr 17 04:40:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 03:57:14 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 61030 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.45 | 136 | 265469 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.31 | 164 | 157559 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.05 | 188 | 320800 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.23 | 240 | 263177 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.45 | 264 | 251913 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.26 | 112 | 256147 | 66.24 | ng | 0.00 |
| 7) Phenol-d6 | 6.85 | 99 | 223695 | 38.53 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.82 | 82 | 407241 | 88.87 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.80 | 330 | 164758 | 154.62 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 12.93 | 172 | 883028 | 95.42 | ng | 0.00 |
| 78) Terphenyl-d14 | 19.68 | 244 | 931725 | 82.86 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.14 | 88 | 30665 | 17.44 | ng | 95 |
| 3) Pyridine | 3.54 | 79 | 72264 | 13.75 | ng | 93 |
| 4) n-Nitrosodimethylamine | 3.45 | 42 | 24842 | 15.91 | ng | 99 |
| 6) Aniline | 6.99 | 93 | 131352 | 15.84 | ng | 98 |
| 8) 2-Chlorophenol | 7.23 | 128 | 185133 | 39.87 | ng | 94 |
| 9) Benzaldehyde | 6.80 | 77 | 48237 | 14.19 | ng | 95 |
| 10) Phenol | 6.88 | 94 | 88863 | 14.31 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 7.09 | 93 | 203745 | 41.14 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.55 | 146 | 199085 | 42.45 | ng | 95 |
| 13) 1,4-Dichlorobenzene | 7.70 | 146 | 202298 | 41.58 | ng | 97 |
| 14) 1,2-Dichlorobenzene | 8.01 | 146 | 195682 | 42.06 | ng | 97 |
| 15) Benzyl Alcohol | 7.91 | 79 | 109135 | 26.97 | ng | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.20 | 45 | 210295 | 37.70 | ng | 96 |
| 17) 2-Methylphenol | 8.12 | 107 | 128520 | 30.86 | ng | 97 |
| 18) Hexachloroethane | 8.73 | 117 | 73780 | 39.64 | ng | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.47 | 70 | 156300 | 37.58 | ng | 97 |
| 20) 3+4-Methylphenols | 8.45 | 107 | 158679 | 27.50 | ng | 97 |
| 22) Acetophenone | 8.48 | 105 | 331392 | 53.84 | ng | 98 |
| 24) Nitrobenzene | 8.86 | 77 | 216133 | 44.10 | ng | 92 |
| 25) Isophorone | 9.38 | 82 | 438578 | 43.10 | ng | 97 |
| 26) 2-Nitrophenol | 9.57 | 139 | 126785 | 55.48 | ng | 94 |
| 27) 2,4-Dimethylphenol | 9.64 | 122 | 193679 | 45.50 | ng | 98 |
| 28) bis(2-Chloroethoxy)methane | 9.87 | 93 | 265862 | 45.77 | ng | 98 |
| 29) 2,4-Dichlorophenol | 10.11 | 162 | 182569 | 54.21 | ng | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.31 | 180 | 172482 | 49.05 | ng | 99 |
| 31) Naphthalene | 10.50 | 128 | 638083 | 46.13 | ng | 99 |
| 32) Benzoic acid | 9.75 | 122 | 42897 | 21.37 | ng | 89 |
| 33) 4-Chloroaniline | 10.61 | 127 | 107624 | 16.58 | ng | 95 |
| 34) Hexachlorobutadiene | 10.78 | 225 | 72722 | 47.08 | ng | 96 |
| 35) Caprolactam | 11.43 | 113 | 16956m | 8.00 | ng | |
| 36) 4-Chloro-3-methylphenol | 11.76 | 107 | 202710 | 45.56 | ng | 93 |
| 37) 2-Methylnaphthalene | 12.11 | 142 | 480080 | 48.25 | ng | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216 | 169737 | 48.93 | ng | 99 |
| 40) Hexachlorocyclopentadiene | 12.47 | 237 | 144702 | 91.13 | ng | 97 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.74 | 196 | 141850 | 55.03 | ng | 98 |
| 43) 2,4,5-Trichlorophenol | 12.81 | 196 | 154954 | 56.26 | ng | 96 |
| 45) 1,1'-Biphenyl | 13.14 | 154 | 590923 | 48.89 | ng | 98 |
| 46) 2-Chloronaphthalene | 13.18 | 162 | 446227 | 48.47 | ng | 100 |
| 47) 2-Nitroaniline | 13.39 | 65 | 140292 | 47.27 | ng | 90 |
| 48) Acenaphthylene | 14.03 | 152 | 775261 | 47.35 | ng | 99 |
| 49) Dimethylphthalate | 13.77 | 163 | 579976 | 50.22 | ng | 99 |
| 50) 2,6-Dinitrotoluene | 13.89 | 165 | 146246 | 52.36 | ng | 93 |
| 51) Acenaphthene | 14.37 | 154 | 474103 | 48.46 | ng | 100 |
| 52) 3-Nitroaniline | 14.22 | 138 | 71128 | 19.94 | ng | 87 |
| 53) 2,4-Dinitrophenol | 14.44 | 184 | 167458 | 101.17 | ng | 91 |
| 54) Dibenzofuran | 14.71 | 168 | 685572 | 50.50 | ng | 98 |
| 55) 4-Nitrophenol | 14.55 | 139 | 103709 | 35.18 | ng | 91 |
| 56) 2,4-Dinitrotoluene | 14.68 | 165 | 201285 | 52.91 | ng | 91 |
| 57) Fluorene | 15.35 | 166 | 591643 | 49.40 | ng | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.94 | 232 | 120157 | 56.53 | ng | 93 |
| 59) Diethylphthalate | 15.13 | 149 | 609442 | 49.58 | ng | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.35 | 204 | 247166 | 50.45 | ng | 97 |
| 61) 4-Nitroaniline | 15.39 | 138 | 171617 | 42.39 | ng | 97 |
| 62) Azobenzene | 15.64 | 77 | 589206 | 45.04 | ng | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.45 | 198 | 112992 | 49.88 | ng | 90 |
| 65) n-Nitrosodiphenylamine | 15.57 | 169 | 535712 | 49.40 | ng | 99 |
| 66) 4-Bromophenyl-phenylether | 16.25 | 248 | 132496 | 51.73 | ng | 94 |
| 67) Hexachlorobenzene | 16.36 | 284 | 133132 | 50.01 | ng | 99 |
| 68) Atrazine | 16.52 | 200 | 166317 | 55.03 | ng | 100 |
| 69) Pentachlorophenol | 16.71 | 266 | 164328 | 101.09 | ng | 97 |
| 70) Phenanthrene | 17.09 | 178 | 877793 | 48.65 | ng | 99 |
| 71) Anthracene | 17.18 | 178 | 880716 | 49.25 | ng | 99 |
| 72) Carbazole | 17.46 | 167 | 892821 | 49.75 | ng | 99 |
| 73) Di-n-butylphthalate | 18.01 | 149 | 1054175 | 48.00 | ng | 99 |
| 74) Fluoranthene | 19.11 | 202 | 892434 | 47.99 | ng | 97 |
| 76) Benzidine | 19.29 | 184 | 259209 | 23.23 | ng | 97 |
| 77) Pyrene | 19.47 | 202 | 917461 | 50.06 | ng | 99 |
| 79) Butylbenzylphthalate | 20.37 | 149 | 479508 | 53.26 | ng | 97 |
| 80) Benzo(a)anthracene | 21.22 | 228 | 778543 | 50.05 | ng | 100 |
| 81) 3,3'-Dichlorobenzidine | 21.15 | 252 | 158852 | 31.06 | ng | 97 |
| 82) Chrysene | 21.26 | 228 | 730125 | 48.62 | ng | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 655164 | 53.75 | ng | 97 |
| 84) Di-n-octyl phthalate | 22.01 | 149 | 1097820 | 55.28 | ng | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 25.73 | 276 | 813122 | 52.12 | ng | 98 |
| 87) Benzo(b)fluoranthene | 22.78 | 252 | 746663 | 50.61 | ng | 98 |
| 88) Benzo(k)fluoranthene | 22.83 | 252 | 704969 | 48.83 | ng | 98 |
| 89) Benzo(a)pyrene | 23.36 | 252 | 713671 | 51.61 | ng | 100 |
| 90) Dibenzo(a,h)anthracene | 25.74 | 278 | 684240 | 50.85 | ng | 99 |
| 91) Benzo(g,h,i)perylene | 26.42 | 276 | 699519 | 52.05 | ng | 98 |

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

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