Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
Data File : BF079860.D
Acq On : 10 Jun 2015 12:54
Operator : TP/IZ
Sample : PB83898BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB83898BS

Quant Time: Jun 11 01:49:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 00:53:15 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.42 | 152 | 45757 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.71 | 136 | 183774 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.48 | 164 | 91182 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 12.00 | 188 | 192231 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 15.06 | 240 | 201762 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 17.04 | 264 | 178718 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.03 | 112 | 375964 | 135.41 | ng | | 0.00 |
| 7) Phenol-d6 | 7.02 | 99 | 485852 | 135.24 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.98 | 82 | 255092 | 80.19 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.28 | 330 | 115724 | 146.65 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.78 | 172 | 578739 | 89.27 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.74 | 244 | 745273 | 83.27 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.43 | 88 | 42297 | 33.33 | ng | | 89 |
| 3) Pyridine | 4.18 | 79 | 129796 | 38.08 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 4.09 | 42 | 67129 | 39.33 | ng | | 80 |
| 6) Aniline | 7.07 | 93 | 146262 | 28.27 | ng | | 97 |
| 8) 2-Chlorophenol | 7.20 | 128 | 131016 | 41.85 | ng | | 92 |
| 9) Benzaldehyde | 6.96 | 77 | 89193 | 42.32 | ng | | 83 |
| 10) Phenol | 7.03 | 94 | 171842 | 44.90 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.13 | 93 | 126975 | 42.49 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.36 | 146 | 147876 | 41.23 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.44 | 146 | 155989 | 38.38 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.60 | 146 | 141066 | 39.97 | ng | | 96 |
| 15) Benzyl Alcohol | 7.54 | 79 | 121640 | 41.98 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.68 | 45 | 192922 | 41.65 | ng | | 97 |
| 17) 2-Methylphenol | 7.64 | 107 | 114671 | 42.58 | ng | | 97 |
| 18) Hexachloroethane | 7.94 | 117 | 49941 | 39.55 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.80 | 70 | 99565 | 39.78 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.79 | 107 | 149041 | 42.83 | ng | | 98 |
| 22) Acetophenone | 7.82 | 105 | 192967 | 42.32 | ng | # | 97 |
| 24) Nitrobenzene | 7.99 | 77 | 124035 | 38.81 | ng | | 95 |
| 25) Isophorone | 8.23 | 82 | 271616 | 40.95 | ng | | 98 |
| 26) 2-Nitrophenol | 8.32 | 139 | 39142 | 30.66 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 8.33 | 122 | 124467 | 41.57 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 8.43 | 93 | 156731 | 39.02 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.55 | 162 | 109429 | 42.89 | ng | | 84 |
| 30) 1,2,4-Trichlorobenzene | 8.65 | 180 | 123844 | 37.76 | ng | | 97 |
| 31) Naphthalene | 8.73 | 128 | 408222 | 41.71 | ng | | 100 |
| 32) Benzoic acid | 8.39 | 122 | 31237 | 33.49 | ng | | 99 |
| 33) 4-Chloroaniline | 8.76 | 127 | 93140m | 23.56 | ng | | |
| 34) Hexachlorobutadiene | 8.84 | 225 | 69630 | 38.57 | ng | | 95 |
| 35) Caprolactam | 9.10 | 113 | 30280 | 40.55 | ng | # | 38 |
| 36) 4-Chloro-3-methylphenol | 9.23 | 107 | 123817 | 44.71 | ng | | 99 |
| 37) 2-Methylnaphthalene | 9.43 | 142 | 291494 | 41.92 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.60 | 216 | 126710 | 39.76 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.59 | 237 | 126224 | 82.88 | ng | | 99 |

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Sample : PB83898BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB83898BS

Quant Time: Jun 11 01:49:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.70 | 196 | 76317 | 39.64 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.74 | 196 | 91987 | 46.30 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.88 | 154 | 315031 | 41.67 | ng | | 95 |
| 46) 2-Chloronaphthalene | 9.92 | 162 | 263767 | 42.73 | ng | | 97 |
| 47) 2-Nitroaniline | 10.00 | 65 | 53445 | 39.52 | ng | | 99 |
| 48) Acenaphthylene | 10.34 | 152 | 439284 | 41.85 | ng | | 99 |
| 49) Dimethylphthalate | 10.17 | 163 | 307469 | 43.25 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 10.24 | 165 | 55181 | 44.75 | ng | | 89 |
| 51) Acenaphthene | 10.51 | 154 | 254877 | 41.51 | ng | | 96 |
| 52) 3-Nitroaniline | 10.41 | 138 | 45149 | 29.77 | ng | | 90 |
| 53) 2,4-Dinitrophenol | 10.51 | 184 | 20338 | 62.95 | ng | # | 47 |
| 54) Dibenzofuran | 10.68 | 168 | 364680 | 42.41 | ng | | 97 |
| 55) 4-Nitrophenol | 10.55 | 139 | 88436 | 80.23 | ng | | 89 |
| 56) 2,4-Dinitrotoluene | 10.65 | 165 | 65971 | 39.17 | ng | | 95 |
| 57) Fluorene | 11.04 | 166 | 312534 | 41.04 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.80 | 232 | 68098 | 46.36 | ng | | 96 |
| 59) Diethylphthalate | 10.88 | 149 | 317614 | 45.64 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 11.02 | 204 | 148048 | 44.94 | ng | | 91 |
| 61) 4-Nitroaniline | 11.03 | 138 | 62820 | 42.21 | ng | | 95 |
| 62) Azobenzene | 11.18 | 77 | 292610 | 42.69 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 11.06 | 198 | 18055 | 32.45 | ng | | 94 |
| 65) n-Nitrosodiphenylamine | 11.13 | 169 | 274879 | 43.10 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 11.52 | 248 | 93302 | 41.99 | ng | | 98 |
| 67) Hexachlorobenzene | 11.60 | 284 | 99852 | 42.82 | ng | | 96 |
| 68) Atrazine | 11.66 | 200 | 79398 | 43.84 | ng | | 90 |
| 69) Pentachlorophenol | 11.79 | 266 | 78464 | 76.12 | ng | | 96 |
| 70) Phenanthrene | 12.02 | 178 | 468977 | 40.85 | ng | | 99 |
| 71) Anthracene | 12.08 | 178 | 479836 | 42.68 | ng | | 99 |
| 72) Carbazole | 12.23 | 167 | 430668 | 41.38 | ng | | 98 |
| 73) Di-n-butylphthalate | 12.56 | 149 | 475141 | 44.00 | ng | # | 98 |
| 74) Fluoranthene | 13.31 | 202 | 485448 | 40.31 | ng | | 95 |
| 76) Benzidine | 13.44 | 184 | 269394 | 44.79 | ng | | 99 |
| 77) Pyrene | 13.59 | 202 | 525559 | 41.81 | ng | | 100 |
| 79) Butylbenzylphthalate | 14.31 | 149 | 185343 | 44.01 | ng | # | 83 |
| 80) Benzo(a)anthracene | 15.05 | 228 | 499244 | 41.62 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 14.99 | 252 | 100400 | 26.81 | ng | # | 97 |
| 82) Chrysene | 15.11 | 228 | 449350 | 39.93 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 15.03 | 149 | 288471 | 44.32 | ng | # | 94 |
| 84) Di-n-octyl phthalate | 15.89 | 149 | 461339 | 45.64 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 18.98 | 276 | 471640 | 39.68 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 16.48 | 252 | 436634 | 41.05 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 16.51 | 252 | 486024 | 43.70 | ng | | 99 |
| 89) Benzo(a)pyrene | 16.96 | 252 | 449588 | 44.72 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 19.01 | 278 | 396062 | 42.53 | ng | # | 94 |
| 91) Benzo(g,h,i)perylene | 19.57 | 276 | 411421 | 41.86 | ng | | 97 |

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

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ALS Vial : 7 Sample Multiplier: 1

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