Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079891.D
Acq On : 11 Jun 2015 13:09
Operator : TP/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC025

**Manual Integrations APPROVED**
apatel
6/13/2015 8:43:09 AM

Quant Time: Jun 12 08:49:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 00:59:58 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 48484 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.68 | 136 | 191335 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.46 | 164 | 93413 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.99 | 188 | 196130 | 20.00 | ng | | 0.01 |
| 75) Chrysene-d12 | 15.17 | 240 | 207804m | 20.00 | ng | | 0.17 |
| 86) Perylene-d12 | 17.19 | 264 | 194848m | 20.00 | ng | | 0.26 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.00 | 112 | 131910 | 45.59 | ng | | 0.00 |
| 7) Phenol-d6 | 6.99 | 99 | 178496 | 47.15 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.95 | 82 | 142497 | 44.30 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.26 | 330 | 42302 | 50.74 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.76 | 172 | 354632 | 53.50 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.78 | 244 | 471262 | 51.53 | ng | | 0.09 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 30013 | 22.68 | ng | | 94 |
| 3) Pyridine | 4.14 | 79 | 68967 | 19.93 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 4.03 | 42 | 39119 | 22.65 | ng | | 94 |
| 6) Aniline | 7.05 | 93 | 127277 | 23.34 | ng | | 100 |
| 8) 2-Chlorophenol | 7.18 | 128 | 79978 | 24.01 | ng | | 99 |
| 9) Benzaldehyde | 6.94 | 77 | 56141 | 25.81 | ng | | 98 |
| 10) Phenol | 7.00 | 94 | 99791 | 24.57 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.11 | 93 | 81961 | 25.46 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.34 | 146 | 93547 | 24.57 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.42 | 146 | 94035 | 22.09 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.56 | 146 | 87123 | 23.59 | ng | | 99 |
| 15) Benzyl Alcohol | 7.52 | 79 | 67967 | 22.46 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.66 | 45 | 116411 | 23.70 | ng | | 99 |
| 17) 2-Methylphenol | 7.62 | 107 | 70343 | 24.75 | ng | | 97 |
| 18) Hexachloroethane | 7.92 | 117 | 30454 | 22.92 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.78 | 70 | 65344 | 24.38 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.77 | 107 | 88286 | 23.93 | ng | | 98 |
| 22) Acetophenone | 7.79 | 105 | 115295 | 24.41 | ng | | 99 |
| 24) Nitrobenzene | 7.96 | 77 | 78658 | 23.83 | ng | | 99 |
| 25) Isophorone | 8.20 | 82 | 170835 | 24.63 | ng | | 99 |
| 26) 2-Nitrophenol | 8.30 | 139 | 23771 | 18.81 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 8.31 | 122 | 75473 | 24.31 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 8.41 | 93 | 98404 | 23.69 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.52 | 162 | 62012 | 23.61 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.63 | 180 | 79500 | 23.58 | ng | | 97 |
| 31) Naphthalene | 8.71 | 128 | 264646 | 25.86 | ng | | 99 |
| 32) Benzoic acid | 8.35 | 122 | 20051m | 21.35 | ng | | |
| 33) 4-Chloroaniline | 8.74 | 127 | 101985m | 24.74 | ng | | |
| 34) Hexachlorobutadiene | 8.83 | 225 | 46484 | 25.17 | ng | | 95 |
| 35) Caprolactam | 9.07 | 113 | 18284 | 22.98 | ng | # | 65 |
| 36) 4-Chloro-3-methylphenol | 9.21 | 107 | 73693 | 25.53 | ng | | 100 |
| 37) 2-Methylnaphthalene | 9.40 | 142 | 178451 | 24.65 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.58 | 216 | 80511 | 24.95 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.56 | 237 | 24646 | 16.58 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.68 | 196 | 48231 | 24.47 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.71 | 196 | 54930 | 26.59 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.87 | 154 | 196869 | 25.58 | ng | | 92 |
| 46) 2-Chloronaphthalene | 9.90 | 162 | 167225 | 26.35 | ng | | 98 |
| 47) 2-Nitroaniline | 9.98 | 65 | 27696 | 20.07 | ng | | 97 |
| 48) Acenaphthylene | 10.32 | 152 | 278200 | 25.68 | ng | | 99 |
| 49) Dimethylphthalate | 10.15 | 163 | 186041 | 25.27 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 10.22 | 165 | 30052 | 23.40 | ng | | 98 |
| 51) Acenaphthene | 10.49 | 154 | 157063 | 25.03 | ng | | 98 |
| 52) 3-Nitroaniline | 10.39 | 138 | 37911 | 24.08 | ng | | 95 |
| 53) 2,4-Dinitrophenol | 10.49 | 184 | 2544 | 9.23 | ng | # | 1 |
| 54) Dibenzofuran | 10.66 | 168 | 226400 | 25.57 | ng | | 99 |
| 55) 4-Nitrophenol | 10.52 | 139 | 25718 | 22.68 | ng | | 95 |
| 56) 2,4-Dinitrotoluene | 10.63 | 165 | 32774 | 20.10 | ng | | 98 |
| 57) Fluorene | 11.02 | 166 | 204581 | 26.01 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.78 | 232 | 39018 | 25.39 | ng | | 97 |
| 59) Diethylphthalate | 10.86 | 149 | 195870 | 27.06 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.99 | 204 | 87855 | 25.74 | ng | | 96 |
| 61) 4-Nitroaniline | 11.00 | 138 | 38566 | 24.71 | ng | | 97 |
| 62) Azobenzene | 11.15 | 77 | 174110 | 24.57 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 11.04 | 198 | 6682 | 12.64 | ng | | 92 |
| 65) n-Nitrosodiphenylamine | 11.11 | 169 | 159797 | 24.36 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 11.51 | 248 | 52227 | 22.77 | ng | # | 88 |
| 67) Hexachlorobenzene | 11.59 | 284 | 60900 | 25.50 | ng | # | 90 |
| 68) Atrazine | 11.64 | 200 | 45351 | 24.04 | ng | | 98 |
| 69) Pentachlorophenol | 11.78 | 266 | 19764 | 22.24 | ng | | 91 |
| 70) Phenanthrene | 12.01 | 178 | 295245 | 24.94 | ng | | 99 |
| 71) Anthracene | 12.07 | 178 | 290879 | 25.43 | ng | | 98 |
| 72) Carbazole | 12.23 | 167 | 280893 | 26.01 | ng | | 100 |
| 73) Di-n-butylphthalate | 12.57 | 149 | 303600 | 27.13 | ng | | 99 |
| 74) Fluoranthene | 13.35 | 202 | 321367 | 25.82 | ng | | 98 |
| 76) Benzidine | 13.47 | 184 | 143126 | 23.69 | ng | | 99 |
| 77) Pyrene | 13.62 | 202 | 332670 | 25.86 | ng | | 99 |
| 79) Butylbenzylphthalate | 14.38 | 149 | 111243 | 25.35 | ng | | 93 |
| 80) Benzo(a)anthracene | 15.15 | 228 | 315351m | 25.55 | ng | | |
| 81) 3,3'-Dichlorobenzidine | 15.10 | 252 | 102691m | 26.32 | ng | | |
| 82) Chrysene | 15.20 | 228 | 298808m | 25.81 | ng | | |
| 83) Bis(2-ethylhexyl)phthalate | 15.14 | 149 | 181677m | 26.59 | ng | | |
| 84) Di-n-octyl phthalate | 16.03 | 149 | 281845m | 26.22 | ng | | |
| 85) Indeno(1,2,3-cd)pyrene | 19.13 | 276 | 342116m | 27.70 | ng | | |
| 87) Benzo(b)fluoranthene | 16.63 | 252 | 280136m | 24.18 | ng | | |
| 88) Benzo(k)fluoranthene | 16.66 | 252 | 320078m | 26.55 | ng | | |
| 89) Benzo(a)pyrene | 17.11 | 252 | 287142m | 26.24 | ng | | |
| 90) Dibenzo(a,h)anthracene | 19.17 | 278 | 282058m | 27.87 | ng | | |
| 91) Benzo(g,h,i)perylene | 19.71 | 276 | 296215m | 27.68 | ng | | |

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

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