Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021915\
Data File : BF077371.D
Acq On : 19 Feb 2015 13:20
Operator : TP/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**
apatel
2/20/2015 2:04:06 PM

Quant Time: Feb 19 15:10:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 19 14:49:45 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.33 | 152 | 76018 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.91 | 136 | 317467 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 11.09 | 164 | 189636 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 12.93 | 188 | 327427 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 16.26 | 240 | 332663 | 20.00 | ng | | 0.03 |
| 86) Perylene-d12 | 18.09 | 264 | 324157 | 20.00 | ng | | 0.14 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.62 | 112 | 523940 | 117.47 | ng | | 0.00 |
| 7) Phenol-d6 | 6.89 | 99 | 691228 | 119.17 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 8.03 | 82 | 627127 | 134.30 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 12.08 | 330 | 219811 | 132.74 | ng | | 0.01 |
| 44) 2-Fluorobiphenyl | 10.26 | 172 | 1279820 | 102.94 | ng | | 0.00 |
| 78) Terphenyl-d14 | 14.93 | 244 | 1610704 | 111.21 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.29 | 88 | 107882 | 56.08 | ng | | 98 |
| 3) Pyridine | 3.02 | 79 | 304728 | 58.76 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 2.96 | 42 | 130304 | 52.83 | ng | | 97 |
| 6) Aniline | 6.92 | 93 | 475817 | 58.04 | ng | | 97 |
| 8) 2-Chlorophenol | 7.06 | 128 | 310435 | 59.43 | ng | | 99 |
| 9) Benzaldehyde | 6.78 | 77 | 190367 | 53.29 | ng | | 98 |
| 10) Phenol | 6.90 | 94 | 417553 | 61.27 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.02 | 93 | 302388 | 60.09 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.26 | 146 | 338190 | 57.60 | ng | # | 88 |
| 13) 1,4-Dichlorobenzene | 7.36 | 146 | 342362 | 56.55 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.54 | 146 | 331022 | 56.76 | ng | | 99 |
| 15) Benzyl Alcohol | 7.52 | 79 | 264865 | 60.26 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.70 | 45 | 424069 | 56.24 | ng | | 100 |
| 17) 2-Methylphenol | 7.65 | 107 | 251386 | 60.02 | ng | | 98 |
| 18) Hexachloroethane | 7.96 | 117 | 118321 | 59.98 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.85 | 70 | 212822 | 53.48 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.85 | 107 | 331925 | 61.17 | ng | | 95 |
| 22) Acetophenone | 7.85 | 105 | 422829 | 57.13 | ng | # | 89 |
| 24) Nitrobenzene | 8.05 | 77 | 326739 | 65.49 | ng | | 96 |
| 25) Isophorone | 8.35 | 82 | 617224 | 59.68 | ng | | 98 |
| 26) 2-Nitrophenol | 8.44 | 139 | 143083 | 98.52 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 8.50 | 122 | 285076 | 60.18 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 8.62 | 93 | 363963 | 55.35 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.74 | 162 | 282762 | 68.66 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.84 | 180 | 287900 | 56.16 | ng | | 99 |
| 31) Naphthalene | 8.94 | 128 | 920218 | 57.90 | ng | | 99 |
| 32) Benzoic acid | 8.61 | 122 | 152998m | 109.20 | ng | | |
| 33) 4-Chloroaniline | 9.01 | 127 | 429845 | 62.56 | ng | | 98 |
| 34) Hexachlorobutadiene | 9.09 | 225 | 166707 | 59.20 | ng | | 99 |
| 35) Caprolactam | 9.45 | 113 | 84303 | 66.32 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 9.61 | 107 | 269324 | 59.74 | ng | | 95 |
| 37) 2-Methylnaphthalene | 9.80 | 142 | 675784 | 58.87 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.01 | 216 | 313913 | 57.23 | ng | | 100 |
| 40) Hexachlorocyclopentadiene | 10.00 | 237 | 185968 | 67.68 | ng | | 100 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 10.14 | 196 | 207945 | 66.65 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 10.19 | 196 | 229619 | 68.42 | ng | | 97 |
| 45) 1,1'-Biphenyl | 10.38 | 154 | 811660 | 53.93 | ng | | 98 |
| 46) 2-Chloronaphthalene | 10.41 | 162 | 633165 | 56.41 | ng | | 94 |
| 47) 2-Nitroaniline | 10.53 | 65 | 168131 | 75.28 | ng | # | 61 |
| 48) Acenaphthylene | 10.92 | 152 | 1006501 | 54.79 | ng | | 99 |
| 49) Dimethylphthalate | 10.77 | 163 | 767421 | 58.68 | ng | # | 98 |
| 50) 2,6-Dinitrotoluene | 10.84 | 165 | 168080 | 75.22 | ng | # | 83 |
| 51) Acenaphthene | 11.13 | 154 | 565106 | 51.62 | ng | | 100 |
| 52) 3-Nitroaniline | 11.04 | 138 | 175905 | 66.38 | ng | | 92 |
| 53) 2,4-Dinitrophenol | 11.17 | 184 | 55521 | 135.86 | ng | | 93 |
| 54) Dibenzofuran | 11.34 | 168 | 900877 | 54.10 | ng | | 98 |
| 55) 4-Nitrophenol | 11.24 | 139 | 158257 | 85.63 | ng | | 85 |
| 56) 2,4-Dinitrotoluene | 11.33 | 165 | 209233 | 77.69 | ng | | 89 |
| 57) Fluorene | 11.77 | 166 | 717047 | 54.74 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.49 | 232 | 186141 | 73.77 | ng | | 99 |
| 59) Diethylphthalate | 11.65 | 149 | 772336 | 57.29 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 11.78 | 204 | 344974 | 54.37 | ng | | 94 |
| 61) 4-Nitroaniline | 11.80 | 138 | 188074 | 73.76 | ng | | 87 |
| 62) Azobenzene | 11.97 | 77 | 691634 | 51.97 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 11.84 | 198 | 86006 | 131.90 | ng | | 82 |
| 65) n-Nitrosodiphenylamine | 11.93 | 169 | 647649 | 60.78 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 12.39 | 248 | 224162 | 61.52 | ng | | 93 |
| 67) Hexachlorobenzene | 12.45 | 284 | 238707 | 58.26 | ng | # | 76 |
| 68) Atrazine | 12.60 | 200 | 223480 | 69.50 | ng | | 94 |
| 69) Pentachlorophenol | 12.69 | 266 | 139908 | 87.81 | ng | | 98 |
| 70) Phenanthrene | 12.97 | 178 | 1096369 | 58.10 | ng | | 98 |
| 71) Anthracene | 13.03 | 178 | 1088280 | 57.99 | ng | | 99 |
| 72) Carbazole | 13.23 | 167 | 985503 | 58.91 | ng | | 99 |
| 73) Di-n-butylphthalate | 13.69 | 149 | 1296454 | 63.36 | ng | # | 98 |
| 74) Fluoranthene | 14.44 | 202 | 1152914 | 59.54 | ng | | 96 |
| 76) Benzidine | 14.63 | 184 | 629185 | 62.02 | ng | | 99 |
| 77) Pyrene | 14.73 | 202 | 1214661 | 59.80 | ng | | 99 |
| 79) Butylbenzylphthalate | 15.56 | 149 | 551738 | 73.65 | ng | | 96 |
| 80) Benzo(a)anthracene | 16.25 | 228 | 1168397 | 60.61 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 16.23 | 252 | 436072 | 67.65 | ng | | 99 |
| 82) Chrysene | 16.29 | 228 | 1047923 | 57.59 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 16.31 | 149 | 841057 | 65.92 | ng | # | 98 |
| 84) Di-n-octyl phthalate | 17.14 | 149 | 1394414m | 69.89 | ng | | |
| 85) Indeno(1,2,3-cd)pyrene | 19.61 | 276 | 1228442m | 59.44 | ng | | |
| 87) Benzo(b)fluoranthene | 17.62 | 252 | 1110585m | 53.51 | ng | | |
| 88) Benzo(k)fluoranthene | 17.65 | 252 | 1067002 | 63.00 | ng | # | 96 |
| 89) Benzo(a)pyrene | 18.02 | 252 | 1030772 | 57.05 | ng | # | 98 |
| 90) Dibenzo(a,h)anthracene | 19.64 | 278 | 997310 | 55.29 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 20.05 | 276 | 1011911 | 56.07 | ng | | 97 |

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

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