Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
Data File : BF078784.D
Acq On : 28 Apr 2015 19:57
Operator : TP/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Apr 29 03:21:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 03:08:11 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 90243 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.97 | 136 | 377654 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 11.14 | 164 | 172982 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 12.99 | 188 | 334548 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 16.30 | 240 | 320964 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 18.08 | 264 | 320870 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.68 | 112 | 594795 | 115.68 | ng | | 0.00 |
| 7) Phenol-d6 | 6.94 | 99 | 783448 | 121.96 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.08 | 82 | 640509 | 111.67 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 12.12 | 330 | 193859 | 117.43 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 10.32 | 172 | 1462399 | 122.52 | ng | | 0.00 |
| 78) Terphenyl-d14 | 14.99 | 244 | 1531820 | 117.90 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.38 | 88 | 132193 | 56.14 | ng | # | 17 |
| 3) Pyridine | 3.13 | 79 | 428492 | 68.08 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.06 | 42 | 177212 | 64.66 | ng | | 100 |
| 6) Aniline | 6.98 | 93 | 579452 | 62.76 | ng | | 97 |
| 8) 2-Chlorophenol | 7.12 | 128 | 341650 | 55.91 | ng | | 99 |
| 9) Benzaldehyde | 6.84 | 77 | 284856 | 97.70 | ng | | 97 |
| 10) Phenol | 6.95 | 94 | 439136 | 57.34 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.07 | 93 | 323731 | 57.09 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.31 | 146 | 377123 | 55.43 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.42 | 146 | 396761 | 56.15 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.60 | 146 | 374385 | 57.48 | ng | | 99 |
| 15) Benzyl Alcohol | 7.56 | 79 | 284389 | 56.85 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.75 | 45 | 514849 | 65.67 | ng | | 99 |
| 17) 2-Methylphenol | 7.70 | 107 | 276193 | 55.64 | ng | | 98 |
| 18) Hexachloroethane | 8.02 | 117 | 132534 | 56.81 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.91 | 70 | 281971 | 63.20 | ng | # | 87 |
| 20) 3+4-Methylphenols | 7.90 | 107 | 359819 | 54.99 | ng | | 94 |
| 22) Acetophenone | 7.90 | 105 | 488534 | 58.00 | ng | # | 95 |
| 24) Nitrobenzene | 8.10 | 77 | 333203 | 53.79 | ng | | 97 |
| 25) Isophorone | 8.40 | 82 | 688835 | 59.06 | ng | | 99 |
| 26) 2-Nitrophenol | 8.50 | 139 | 97361 | 34.78 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 8.55 | 122 | 301034 | 54.78 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 8.68 | 93 | 429376 | 60.56 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.79 | 162 | 274826 | 52.87 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.90 | 180 | 299820 | 51.90 | ng | | 98 |
| 31) Naphthalene | 8.99 | 128 | 998895 | 52.21 | ng | | 100 |
| 32) Benzoic acid | 8.65 | 122 | 100385 | 39.61 | ng | | 98 |
| 33) 4-Chloroaniline | 9.06 | 127 | 434471 | 55.72 | ng | | 99 |
| 34) Hexachlorobutadiene | 9.15 | 225 | 170672 | 51.93 | ng | | 98 |
| 35) Caprolactam | 9.50 | 113 | 84602 | 55.39 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 9.66 | 107 | 283177 | 53.60 | ng | | 97 |
| 37) 2-Methylnaphthalene | 9.85 | 142 | 682967 | 53.19 | ng | | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.06 | 216 | 278421 | 54.48 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 10.04 | 237 | 128571 | 59.57 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 10.20 | 196 | 185583 | 53.70 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 10.24 | 196 | 192028 | 50.91 | ng | | 95 |
| 45) 1,1'-Biphenyl | 10.43 | 154 | 766861 | 55.69 | ng | | 99 |
| 46) 2-Chloronaphthalene | 10.46 | 162 | 613840 | 54.92 | ng | | 99 |
| 47) 2-Nitroaniline | 10.58 | 65 | 150807 | 55.35 | ng | | 95 |
| 48) Acenaphthylene | 10.97 | 152 | 1017477 | 54.60 | ng | | 99 |
| 49) Dimethylphthalate | 10.82 | 163 | 722075 | 56.15 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 10.89 | 165 | 122540 | 47.55 | ng | | 87 |
| 51) Acenaphthene | 11.19 | 154 | 600432 | 56.39 | ng | | 99 |
| 52) 3-Nitroaniline | 11.10 | 138 | 168803 | 55.80 | ng | | 89 |
| 53) 2,4-Dinitrophenol | 11.22 | 184 | 18205 | 25.56 | ng | | 87 |
| 54) Dibenzofuran | 11.40 | 168 | 878922 | 55.61 | ng | | 99 |
| 55) 4-Nitrophenol | 11.29 | 139 | 124310 | 56.80 | ng | | 93 |
| 56) 2,4-Dinitrotoluene | 11.39 | 165 | 151112 | 45.60 | ng | # | 66 |
| 57) Fluorene | 11.83 | 166 | 699910 | 53.57 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.55 | 232 | 145055 | 50.11 | ng | # | 100 |
| 59) Diethylphthalate | 11.70 | 149 | 714577 | 56.82 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 11.84 | 204 | 319149 | 53.81 | ng | | 100 |
| 61) 4-Nitroaniline | 11.85 | 138 | 157924 | 52.01 | ng | | 93 |
| 62) Azobenzene | 12.03 | 77 | 744989 | 62.61 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 11.88 | 198 | 34117 | 29.13 | ng | | 79 |
| 65) n-Nitrosodiphenylamine | 11.99 | 169 | 635426 | 57.74 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 12.44 | 248 | 197663 | 55.99 | ng | | 94 |
| 67) Hexachlorobenzene | 12.50 | 284 | 215312 | 55.51 | ng | | 97 |
| 68) Atrazine | 12.65 | 200 | 170433 | 55.25 | ng | | 98 |
| 69) Pentachlorophenol | 12.75 | 266 | 100740 | 59.17 | ng | | 99 |
| 70) Phenanthrene | 13.03 | 178 | 1041957 | 54.81 | ng | | 99 |
| 71) Anthracene | 13.09 | 178 | 1010438 | 53.72 | ng | | 100 |
| 72) Carbazole | 13.29 | 167 | 988528 | 55.07 | ng | | 99 |
| 73) Di-n-butylphthalate | 13.74 | 149 | 1134425 | 56.43 | ng | | 100 |
| 74) Fluoranthene | 14.50 | 202 | 1036572 | 50.43 | ng | | 100 |
| 76) Benzidine | 14.69 | 184 | 662769 | 74.40 | ng | | 99 |
| 77) Pyrene | 14.79 | 202 | 1105971 | 56.25 | ng | | 99 |
| 79) Butylbenzylphthalate | 15.61 | 149 | 460430 | 58.74 | ng | | 93 |
| 80) Benzo(a)anthracene | 16.29 | 228 | 1026656 | 54.47 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 16.26 | 252 | 369571 | 59.12 | ng | # | 98 |
| 82) Chrysene | 16.33 | 228 | 945647 | 55.70 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 16.34 | 149 | 718438 | 59.54 | ng | | 100 |
| 84) Di-n-octyl phthalate | 17.15 | 149 | 1119723 | 55.27 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 19.61 | 276 | 1233251 | 58.15 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 17.62 | 252 | 988550 | 48.02 | ng | # | 97 |
| 88) Benzo(k)fluoranthene | 17.66 | 252 | 1012985 | 61.28 | ng | # | 96 |
| 89) Benzo(a)pyrene | 18.01 | 252 | 943454 | 54.50 | ng | # | 94 |
| 90) Dibenzo(a,h)anthracene | 19.65 | 278 | 987728 | 57.00 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 20.07 | 276 | 980405 | 55.85 | ng | | 97 |

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

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