Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089605.D
Acq On : 5 Aug 2016 00:45
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
8/5/2016 6:58:55 PM

Quant Time: Aug 05 02:06:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.45 | 152 | 47981 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 9.47 | 136 | 202919 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 12.30 | 164 | 94942 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 14.69 | 188 | 179743 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 18.39 | 240 | 103550 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 20.05 | 264 | 80095 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.31 | 112 | 224432 | 78.40 | ng | 0.00 |
| 7) Phenol-d6 | 6.98 | 99 | 301318 | 77.59 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.36 | 82 | 292547 | 79.74 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 13.59 | 330 | 62843 | 80.21 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 11.26 | 172 | 556337 | 76.16 | ng | 0.00 |
| 78) Terphenyl-d14 | 17.05 | 244 | 417721 | 79.64 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.74 | 88 | 58287 | 35.52 | ng | 96 |
| 3) Pyridine | 2.31 | 79 | 116158 | 38.52 | ng | 98 |
| 4) n-Nitrosodimethylamine | 2.28 | 42 | 46106 | 36.62 | ng | 97 |
| 6) Aniline | 6.94 | 93 | 202997 | 40.34 | ng | 99 |
| 8) 2-Chlorophenol | 7.12 | 128 | 137775 | 39.20 | ng | 99 |
| 9) Benzaldehyde | 6.75 | 77 | 59624 | 42.32 | ng | 97 |
| 10) Phenol | 7.00 | 94 | 137939 | 34.60 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.10 | 93 | 130434 | 38.08 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.35 | 146 | 145874 | 38.22 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.47 | 146 | 145918 | 38.33 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.70 | 146 | 147118 | 36.66 | ng | 99 |
| 15) Benzyl Alcohol | 7.74 | 79 | 96502 | 37.90 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.94 | 45 | 162353 | 37.22 | ng | 95 |
| 17) 2-Methylphenol | 7.94 | 107 | 98075 | 38.64 | ng | 95 |
| 18) Hexachloroethane | 8.23 | 117 | 59386 | 37.01 | ng | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.17 | 70 | 108212 | 38.57 | ng | 99 |
| 20) 3+4-Methylphenols | 8.20 | 107 | 126242 | 39.40 | ng | 99 |
| 22) Acetophenone | 8.14 | 105 | 207596 | 42.91 | ng | 99 |
| 24) Nitrobenzene | 8.39 | 77 | 143751 | 41.25 | ng | 99 |
| 25) Isophorone | 8.79 | 82 | 268723 | 38.25 | ng | 99 |
| 26) 2-Nitrophenol | 8.89 | 139 | 63686 | 39.83 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.03 | 122 | 118651 | 41.27 | ng | 98 |
| 28) bis(2-Chloroethoxy)methane | 9.18 | 93 | 170639 | 40.15 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.30 | 162 | 106900 | 39.30 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 9.40 | 180 | 121106 | 38.98 | ng | 98 |
| 31) Naphthalene | 9.51 | 128 | 419848 | 38.93 | ng | 99 |
| 32) Benzoic acid | 9.36 | 122 | 66967 | 37.07 | ng | 99 |
| 33) 4-Chloroaniline | 9.64 | 127 | 161195 | 39.80 | ng | 100 |
| 34) Hexachlorobutadiene | 9.72 | 225 | 69813 | 39.02 | ng | 99 |
| 35) Caprolactam | 10.28 | 113 | 31895 | 40.23 | ng | 93 |
| 36) 4-Chloro-3-methylphenol | 10.50 | 107 | 127705 | 40.39 | ng | 98 |
| 37) 2-Methylnaphthalene | 10.63 | 142 | 253882 | 38.28 | ng | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.91 | 216 | 139695 | 39.15 | ng | 99 |
| 40) Hexachlorocyclopentadiene | 10.89 | 237 | 45953 | 42.05 | ng | 100 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 11.13 | 196 | 70317 | 39.95 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 11.20 | 196 | 74161 | 39.42 | ng | | 96 |
| 45) 1,1'-Biphenyl | 11.40 | 154 | 333766 | 38.98 | ng | | 99 |
| 46) 2-Chloronaphthalene | 11.42 | 162 | 251707 | 39.21 | ng | | 98 |
| 47) 2-Nitroaniline | 11.62 | 65 | 80700 | 39.00 | ng | | 99 |
| 48) Acenaphthylene | 12.07 | 152 | 405785 | 38.37 | ng | | 100 |
| 49) Dimethylphthalate | 11.96 | 163 | 285976 | 38.43 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 12.04 | 165 | 60366 | 40.80 | ng | | 99 |
| 51) Acenaphthene | 12.35 | 154 | 236040 | 38.65 | ng | | 99 |
| 52) 3-Nitroaniline | 12.31 | 138 | 67141 | 37.94 | ng | | 97 |
| 53) 2,4-Dinitrophenol | 12.51 | 184 | 17523 | 36.08 | ng | | 97 |
| 54) Dibenzofuran | 12.64 | 168 | 327675 | 39.02 | ng | | 99 |
| 55) 4-Nitrophenol | 12.68 | 139 | 32391m | 31.88 | ng | | |
| 56) 2,4-Dinitrotoluene | 12.70 | 165 | 79375 | 38.14 | ng | | 99 |
| 57) Fluorene | 13.19 | 166 | 273193 | 38.06 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 12.87 | 232 | 52649 | 36.87 | ng | | 96 |
| 59) Diethylphthalate | 13.11 | 149 | 291548 | 37.88 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 13.22 | 204 | 128024 | 38.90 | ng | | 98 |
| 61) 4-Nitroaniline | 13.31 | 138 | 62701 | 39.41 | ng | | 97 |
| 62) Azobenzene | 13.47 | 77 | 298132 | 40.05 | ng | | 92 |
| 64) 4,6-Dinitro-2-methylphenol | 13.36 | 198 | 40469 | 38.05 | ng | | 95 |
| 65) n-Nitrosodiphenylamine | 13.44 | 169 | 236843 | 39.01 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 14.01 | 248 | 70839 | 40.75 | ng | | 97 |
| 67) Hexachlorobenzene | 14.07 | 284 | 73065 | 38.20 | ng | | 96 |
| 68) Atrazine | 14.35 | 200 | 73116 | 43.13 | ng | | 98 |
| 69) Pentachlorophenol | 14.42 | 266 | 33046 | 42.40 | ng | | 99 |
| 70) Phenanthrene | 14.73 | 178 | 372298 | 38.09 | ng | | 100 |
| 71) Anthracene | 14.81 | 178 | 391399 | 37.35 | ng | | 100 |
| 72) Carbazole | 15.10 | 167 | 334710 | 38.33 | ng | | 99 |
| 73) Di-n-butylphthalate | 15.69 | 149 | 451151 | 38.20 | ng | | 99 |
| 74) Fluoranthene | 16.49 | 202 | 371871 | 37.01 | ng | | 99 |
| 76) Benzidine | 16.73 | 184 | 138701 | 44.19 | ng | | 99 |
| 77) Pyrene | 16.79 | 202 | 362206 | 39.56 | ng | | 99 |
| 79) Butylbenzylphthalate | 17.71 | 149 | 154577 | 39.68 | ng | # | 80 |
| 80) Benzo(a)anthracene | 18.38 | 228 | 231446 | 38.90 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 18.37 | 252 | 77346 | 41.26 | ng | | 98 |
| 82) Chrysene | 18.42 | 228 | 236483 | 37.89 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 18.47 | 149 | 209990 | 38.93 | ng | | 99 |
| 84) Di-n-octyl phthalate | 19.23 | 149 | 300583 | 38.72 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 21.22 | 276 | 207589 | 43.80 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 19.63 | 252 | 186294 | 37.82 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 19.67 | 252 | 184306m | 37.09 | ng | | |
| 89) Benzo(a)pyrene | 19.99 | 252 | 178051 | 38.60 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 21.23 | 278 | 181357 | 42.09 | ng | | 100 |
| 91) Benzo(g,h,i)perylene | 21.55 | 276 | 189465 | 42.95 | ng | | 98 |

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

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