Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082755.D
Acq On : 6 Nov 2015 12:00
Operator : UM/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:02 PM

Quant Time: Nov 06 13:06:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 12:40:46 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 175199 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.14 | 136 | 658795 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.89 | 164 | 362086 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.38 | 188 | 665188 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.02 | 240 | 592225 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.46 | 264 | 538447 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.45 | 112 | 589150 | 50.65 | ng | | 0.00 |
| 7) Phenol-d6 | 6.48 | 99 | 733312 | 47.45 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.41 | 82 | 763197 | 47.31 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.68 | 330 | 225278 | 56.85 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.22 | 172 | 1383006 | 54.23 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.97 | 244 | 1343141 | 49.63 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.44 | 88 | 121010 | 22.50 | ng | | 96 |
| 3) Pyridine | 3.16 | 79 | 364529 | 23.12 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.09 | 42 | 171746 | 19.35 | ng | | 86 |
| 6) Aniline | 6.51 | 93 | 539294 | 25.06 | ng | | 97 |
| 8) 2-Chlorophenol | 6.64 | 128 | 328082 | 26.07 | ng | | 97 |
| 9) Benzaldehyde | 6.40 | 77 | 230906 | 21.89 | ng | | 82 |
| 10) Phenol | 6.49 | 94 | 401799 | 22.95 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.59 | 93 | 303725 | 23.51 | ng | # | 78 |
| 12) 1,3-Dichlorobenzene | 6.80 | 146 | 354609m | 24.71 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.86 | 146 | 346685 | 24.36 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.02 | 146 | 367787 | 27.84 | ng | | 98 |
| 15) Benzyl Alcohol | 6.99 | 79 | 327474 | 22.72 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45 | 495063 | 24.11 | ng | | 96 |
| 17) 2-Methylphenol | 7.10 | 107 | 257353 | 24.05 | ng | | 98 |
| 18) Hexachloroethane | 7.37 | 117 | 132943 | 23.93 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70 | 263617 | 22.50 | ng | | 93 |
| 20) 3+4-Methylphenols | 7.26 | 107 | 373691 | 26.87 | ng | # | 84 |
| 22) Acetophenone | 7.26 | 105 | 513082 | 26.45 | ng | | 95 |
| 24) Nitrobenzene | 7.44 | 77 | 424636 | 26.04 | ng | | 99 |
| 25) Isophorone | 7.68 | 82 | 732454 | 24.68 | ng | | 99 |
| 26) 2-Nitrophenol | 7.76 | 139 | 171773 | 28.84 | ng | # | 60 |
| 27) 2,4-Dimethylphenol | 7.79 | 122 | 278665 | 23.96 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93 | 429865 | 26.48 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.00 | 162 | 291396 | 27.49 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.09 | 180 | 301088 | 25.60 | ng | # | 94 |
| 31) Naphthalene | 8.16 | 128 | 880652 | 24.70 | ng | | 99 |
| 32) Benzoic acid | 7.90 | 122 | 205479 | 24.36 | ng | | 97 |
| 33) 4-Chloroaniline | 8.20 | 127 | 381444 | 25.06 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.29 | 225 | 192619 | 25.75 | ng | | 98 |
| 35) Caprolactam | 8.57 | 113 | 81168 | 24.96 | ng | | 88 |
| 36) 4-Chloro-3-methylphenol | 8.69 | 107 | 323608 | 25.93 | ng | # | 78 |
| 37) 2-Methylnaphthalene | 8.85 | 142 | 652164 | 28.23 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 316963 | 26.23 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 9.01 | 237 | 169562 | 22.32 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.13 | 196 | 220085 | 25.23 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 9.16 | 196 | 205006 | 23.58 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.32 | 154 | 766902 | 25.07 | ng | | 96 |
| 46) 2-Chloronaphthalene | 9.34 | 162 | 600275 | 25.13 | ng | | 94 |
| 47) 2-Nitroaniline | 9.42 | 65 | 206516 | 22.25 | ng | | 95 |
| 48) Acenaphthylene | 9.76 | 152 | 1017612 | 26.64 | ng | | 98 |
| 49) Dimethylphthalate | 9.62 | 163 | 773969 | 26.17 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.68 | 165 | 175748 | 28.67 | ng | # | 79 |
| 51) Acenaphthene | 9.93 | 154 | 646353 | 26.65 | ng | | 99 |
| 52) 3-Nitroaniline | 9.84 | 138 | 158829 | 23.29 | ng | | 93 |
| 53) 2,4-Dinitrophenol | 9.94 | 184 | 76158 | 27.74 | ng | # | 50 |
| 54) Dibenzofuran | 10.10 | 168 | 883129 | 26.84 | ng | | 91 |
| 55) 4-Nitrophenol | 10.00 | 139 | 137154 | 26.73 | ng | # | 86 |
| 56) 2,4-Dinitrotoluene | 10.08 | 165 | 236834 | 28.57 | ng | # | 84 |
| 57) Fluorene | 10.44 | 166 | 728160 | 27.43 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.21 | 232 | 177827 | 24.21 | ng | | 95 |
| 59) Diethylphthalate | 10.32 | 149 | 726067 | 24.12 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.43 | 204 | 311962 | 24.18 | ng | # | 82 |
| 61) 4-Nitroaniline | 10.45 | 138 | 192144 | 29.53 | ng | # | 81 |
| 62) Azobenzene | 10.59 | 77 | 699745 | 20.61 | ng | | 90 |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198 | 132445 | 33.01 | ng | | 79 |
| 65) n-Nitrosodiphenylamine | 10.56 | 169 | 597956 | 26.15 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.92 | 248 | 205477 | 27.26 | ng | # | 82 |
| 67) Hexachlorobenzene | 10.99 | 284 | 227163 | 27.18 | ng | # | 78 |
| 68) Atrazine | 11.08 | 200 | 212229 | 28.37 | ng | | 94 |
| 69) Pentachlorophenol | 11.18 | 266 | 143707 | 26.07 | ng | | 99 |
| 70) Phenanthrene | 11.40 | 178 | 1069662 | 28.51 | ng | | 97 |
| 71) Anthracene | 11.45 | 178 | 982503 | 26.01 | ng | | 99 |
| 72) Carbazole | 11.61 | 167 | 891932 | 27.11 | ng | # | 96 |
| 73) Di-n-butylphthalate | 11.95 | 149 | 1132772 | 27.04 | ng | # | 96 |
| 74) Fluoranthene | 12.59 | 202 | 1052523 | 27.44 | ng | | 93 |
| 76) Benzidine | 12.70 | 184 | 621463 | 23.27 | ng | | 99 |
| 77) Pyrene | 12.81 | 202 | 1029520 | 23.48 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.44 | 149 | 466256 | 24.27 | ng | | 96 |
| 80) Benzo(a)anthracene | 14.01 | 228 | 997299 | 26.51 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 13.96 | 252 | 339438 | 26.19 | ng | | 98 |
| 82) Chrysene | 14.04 | 228 | 963315 | 28.25 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149 | 673238 | 27.04 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.64 | 149 | 1118950 | 28.81 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 16.85 | 276 | 777608 | 27.63 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 15.05 | 252 | 816947 | 22.00 | ng | # | 99 |
| 88) Benzo(k)fluoranthene | 15.08 | 252 | 873848m | 30.89 | ng | | |
| 89) Benzo(a)pyrene | 15.40 | 252 | 777068 | 26.58 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 16.87 | 278 | 656579 | 24.07 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.27 | 276 | 608847 | 23.03 | ng | | 98 |

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

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