Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090973.D
Acq On : 2 Nov 2016 1:27
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Umangi

Quant Time: Nov 02 02:33:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

11/2/2016 5:42:40 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.74 | 152 | 254122 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.03 | 136 | 1036413 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.78 | 164 | 449044 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.27 | 188 | 615331 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.91 | 240 | 582974 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.30 | 264 | 404787 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 1183290 | 81.41 | ng | | 0.00 |
| 7) Phenol-d6 | 6.40 | 99 | 1540627 | 78.57 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.32 | 82 | 1507850 | 95.24 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.58 | 330 | 274774 | 59.54 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.12 | 172 | 2327482 | 91.02 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.85 | 244 | 1713540 | 74.05 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.26 | 88 | 367330 | 49.43 | ng | # | 83 |
| 3) Pyridine | 2.93 | 79 | 908688 | 45.08 | ng | # | 79 |
| 4) n-Nitrosodimethylamine | 2.90 | 42 | 342588 | 60.37 | ng | | 79 |
| 6) Aniline | 6.41 | 93 | 946957 | 42.28 | ng | # | 33 |
| 8) 2-Chlorophenol | 6.53 | 128 | 753072 | 42.00 | ng | | 94 |
| 9) Benzaldehyde | 6.28 | 77 | 490040 | 48.39 | ng | # | 67 |
| 10) Phenol | 6.41 | 94 | 758841 | 35.12 | ng | # | 1 |
| 11) bis(2-Chloroethyl)ether | 6.49 | 93 | 763500 | 42.70 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.68 | 146 | 727729m | 39.68 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.76 | 146 | 792316 | 41.08 | ng | # | 92 |
| 14) 1,2-Dichlorobenzene | 6.92 | 146 | 670900 | 36.29 | ng | | 99 |
| 15) Benzyl Alcohol | 6.90 | 79 | 574761 | 44.63 | ng | # | 78 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45 | 1054345 | 59.26 | ng | | 45 |
| 17) 2-Methylphenol | 7.01 | 107 | 548869 | 40.24 | ng | # | 80 |
| 18) Hexachloroethane | 7.25 | 117 | 233529 | 33.27 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 7.17 | 70 | 474932 | 41.89 | ng | # | 71 |
| 20) 3+4-Methylphenols | 7.17 | 107 | 614235 | 38.90 | ng | # | 80 |
| 22) Acetophenone | 7.16 | 105 | 897820 | 42.11 | ng | # | 84 |
| 24) Nitrobenzene | 7.33 | 77 | 737466 | 44.04 | ng | # | 64 |
| 25) Isophorone | 7.57 | 82 | 1381324 | 42.99 | ng | # | 85 |
| 26) 2-Nitrophenol | 7.65 | 139 | 216765 | 24.16 | ng | # | 78 |
| 27) 2,4-Dimethylphenol | 7.70 | 122 | 551138 | 37.95 | ng | # | 79 |
| 28) bis(2-Chloroethoxy)methane | 7.79 | 93 | 811393 | 44.41 | ng | # | 94 |
| 29) 2,4-Dichlorophenol | 7.90 | 162 | 480498 | 35.73 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 7.97 | 180 | 552997 | 35.58 | ng | # | 95 |
| 31) Naphthalene | 8.05 | 128 | 1738653 | 35.89 | ng | | 96 |
| 32) Benzoic acid | 7.84 | 122 | 213588 | 20.25 | ng | # | 62 |
| 33) 4-Chloroaniline | 8.11 | 127 | 822776 | 42.03 | ng | # | 88 |
| 34) Hexachlorobutadiene | 8.18 | 225 | 321322 | 35.16 | ng | | 99 |
| 35) Caprolactam | 8.50 | 113 | 149437 | 35.80 | ng | # | 80 |
| 36) 4-Chloro-3-methylphenol | 8.60 | 107 | 580195 | 39.67 | ng | # | 82 |
| 37) 2-Methylnaphthalene | 8.75 | 142 | 1184765 | 37.86 | ng | # | 90 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.91 | 216 | 469428 | 38.11 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 8.90 | 237 | 23200 | 4.09 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.02 | 196 | 288690 | 36.30 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.07 | 196 | 314405 | 38.38 | ng | # | 91 |
| 45) 1,1'-Biphenyl | 9.21 | 154 | 1304042 | 40.32 | ng | | 90 |
| 46) 2-Chloronaphthalene | 9.23 | 162 | 997485 | 40.54 | ng | # | 88 |
| 47) 2-Nitroaniline | 9.33 | 65 | 403989 | 58.19 | ng | # | 68 |
| 48) Acenaphthylene | 9.64 | 152 | 1466132 | 39.36 | ng | | 95 |
| 49) Dimethylphthalate | 9.52 | 163 | 1162366 | 38.74 | ng | # | 97 |
| 50) 2,6-Dinitrotoluene | 9.57 | 165 | 198580 | 29.97 | ng | # | 15 |
| 51) Acenaphthene | 9.82 | 154 | 972132 | 37.89 | ng | | 89 |
| 52) 3-Nitroaniline | 9.74 | 138 | 299371 | 42.44 | ng | # | 50 |
| 54) Dibenzofuran | 9.98 | 168 | 1226562 | 37.04 | ng | # | 81 |
| 55) 4-Nitrophenol | 9.92 | 139 | 127849 | 29.72 | ng | # | 25 |
| 56) 2,4-Dinitrotoluene | 9.98 | 165 | 255361 | 31.02 | ng | # | 76 |
| 57) Fluorene | 10.33 | 166 | 908587 | 33.50 | ng | | 92 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.11 | 232 | 187944m | 25.69 | ng | | |
| 59) Diethylphthalate | 10.21 | 149 | 1223574 | 41.06 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.33 | 204 | 530544 | 40.07 | ng | | 95 |
| 61) 4-Nitroaniline | 10.36 | 138 | 304832 | 43.63 | ng | # | 47 |
| 62) Azobenzene | 10.49 | 77 | 1352267 | 46.15 | ng | | 88 |
| 65) n-Nitrosodiphenylamine | 10.44 | 169 | 836449 | 44.38 | ng | | 91 |
| 66) 4-Bromophenyl-phenylether | 10.82 | 248 | 268441 | 39.84 | ng | # | 85 |
| 67) Hexachlorobenzene | 10.88 | 284 | 272682 | 34.19 | ng | # | 67 |
| 68) Atrazine | 10.98 | 200 | 110564 | 18.96 | ng | | 82 |
| 69) Pentachlorophenol | 11.07 | 266 | 103699 | 24.24 | ng | | 98 |
| 70) Phenanthrene | 11.29 | 178 | 1186920 | 37.88 | ng | | 95 |
| 71) Anthracene | 11.35 | 178 | 1380159 | 41.83 | ng | | 97 |
| 72) Carbazole | 11.49 | 167 | 1126403 | 38.66 | ng | # | 93 |
| 73) Di-n-butylphthalate | 11.84 | 149 | 1681187 | 44.76 | ng | # | 98 |
| 74) Fluoranthene | 12.48 | 202 | 1280634 | 37.32 | ng | | 92 |
| 76) Benzidine | 12.60 | 184 | 655601 | 51.50 | ng | # | 97 |
| 77) Pyrene | 12.71 | 202 | 1311132m | 35.54 | ng | | |
| 79) Butylbenzylphthalate | 13.32 | 149 | 626014 | 37.40 | ng | # | 71 |
| 80) Benzo(a)anthracene | 13.89 | 228 | 1178479 | 38.09 | ng | | 96 |
| 81) 3,3'-Dichlorobenzidine | 13.86 | 252 | 511347 | 42.57 | ng | # | 95 |
| 82) Chrysene | 13.93 | 228 | 1132954m | 36.20 | ng | | |
| 83) Bis(2-ethylhexyl)phthalate | 13.89 | 149 | 919997 | 42.20 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.50 | 149 | 1478127 | 40.38 | ng | # | 94 |
| 85) Indeno(1,2,3-cd)pyrene | 16.65 | 276 | 889419 | 32.07 | ng | # | 95 |
| 87) Benzo(b)fluoranthene | 14.91 | 252 | 1182858m | 43.46 | ng | | |
| 88) Benzo(k)fluoranthene | 14.93 | 252 | 881328m | 40.97 | ng | | |
| 89) Benzo(a)pyrene | 15.24 | 252 | 923739 | 39.50 | ng | # | 91 |
| 90) Dibenzo(a,h)anthracene | 16.66 | 278 | 784273 | 39.61 | ng | # | 81 |
| 91) Benzo(g,h,i)perylene | 17.05 | 276 | 696885 | 37.37 | ng | # | 79 |

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

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