Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084762.D
Acq On : 3 Feb 2016 00:13
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
2/3/2016 6:25:42 PM

Quant Time: Feb 03 03:02:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.69 | 152 | 172976 | 20.00 | ng | | -0.03 |
| 21) Naphthalene-d8 | 7.98 | 136 | 714556 | 20.00 | ng | | -0.03 |
| 38) Acenaphthene-d10 | 9.74 | 164 | 337044 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.22 | 188 | 632100 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.85 | 240 | 427906 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.22 | 264 | 351099 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.29 | 112 | 931205 | 83.85 | ng | | -0.02 |
| 7) Phenol-d6 | 6.35 | 99 | 1066237 | 77.45 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.28 | 82 | 1068517 | 84.24 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.53 | 330 | 293714 | 83.54 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.07 | 172 | 1790100 | 91.97 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.81 | 244 | 1705764 | 90.33 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.19 | 88 | 186858 | 38.41 | ng | # | 77 |
| 3) Pyridine | 2.85 | 79 | 564994 | 44.58 | ng | # | 77 |
| 4) n-Nitrosodimethylamine | 2.82 | 42 | 262790 | 40.09 | ng | | 84 |
| 6) Aniline | 6.36 | 93 | 682039 | 40.49 | ng | # | 63 |
| 8) 2-Chlorophenol | 6.49 | 128 | 527921 | 42.00 | ng | | 95 |
| 9) Benzaldehyde | 6.24 | 77 | 323113 | 39.74 | ng | | 96 |
| 10) Phenol | 6.36 | 94 | 596587 | 38.68 | ng | # | 71 |
| 11) bis(2-Chloroethyl)ether | 6.44 | 93 | 485690 | 40.38 | ng | | 86 |
| 12) 1,3-Dichlorobenzene | 6.64 | 146 | 528998 | 39.83 | ng | # | 94 |
| 13) 1,4-Dichlorobenzene | 6.72 | 146 | 545598 | 41.09 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.88 | 146 | 472155m | 38.18 | ng | | |
| 15) Benzyl Alcohol | 6.85 | 79 | 383386 | 40.33 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45 | 816357 | 40.35 | ng | | 86 |
| 17) 2-Methylphenol | 6.98 | 107 | 406487 | 40.89 | ng | # | 90 |
| 18) Hexachloroethane | 7.21 | 117 | 201464 | 39.40 | ng | | 92 |
| 19) n-Nitroso-di-n-propylamine | 7.13 | 70 | 332147 | 38.49 | ng | # | 76 |
| 20) 3+4-Methylphenols | 7.13 | 107 | 471262 | 38.19 | ng | # | 74 |
| 22) Acetophenone | 7.12 | 105 | 713123 | 37.87 | ng | # | 98 |
| 24) Nitrobenzene | 7.29 | 77 | 486027 | 35.78 | ng | | 93 |
| 25) Isophorone | 7.54 | 82 | 983660 | 39.88 | ng | | 95 |
| 26) 2-Nitrophenol | 7.61 | 139 | 280992 | 41.94 | ng | # | 87 |
| 27) 2,4-Dimethylphenol | 7.65 | 122 | 423766 | 36.37 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93 | 547724 | 37.43 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.86 | 162 | 405644 | 40.68 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 7.93 | 180 | 426596 | 37.88 | ng | | 96 |
| 31) Naphthalene | 8.01 | 128 | 1341270 | 37.42 | ng | | 99 |
| 32) Benzoic acid | 7.80 | 122 | 313983 | 42.13 | ng | | 98 |
| 33) 4-Chloroaniline | 8.06 | 127 | 567915 | 38.31 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.13 | 225 | 275416 | 42.41 | ng | | 98 |
| 35) Caprolactam | 8.45 | 113 | 134484 | 43.76 | ng | # | 70 |
| 36) 4-Chloro-3-methylphenol | 8.56 | 107 | 425079 | 37.37 | ng | | 93 |
| 37) 2-Methylnaphthalene | 8.70 | 142 | 939435 | 41.88 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.86 | 216 | 396417 | 37.03 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.85 | 237 | 181624 | 46.59 | ng | | 95 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.99 | 196 | 275199 | 39.91 | ng | | 95 |
| 43) 2,4,5-Trichlorophenol | 9.02 | 196 | 281680 | 40.20 | ng | # | 88 |
| 45) 1,1'-Biphenyl | 9.17 | 154 | 1159127 | 38.50 | ng | | 94 |
| 46) 2-Chloronaphthalene | 9.18 | 162 | 836281 | 37.72 | ng | | 96 |
| 47) 2-Nitroaniline | 9.29 | 65 | 249095 | 35.48 | ng | | 97 |
| 48) Acenaphthylene | 9.60 | 152 | 1291069 | 38.38 | ng | | 98 |
| 49) Dimethylphthalate | 9.48 | 163 | 1053314 | 41.03 | ng | # | 91 |
| 50) 2,6-Dinitrotoluene | 9.54 | 165 | 249575 | 44.50 | ng | | 94 |
| 51) Acenaphthene | 9.78 | 154 | 859959 | 39.29 | ng | | 97 |
| 52) 3-Nitroaniline | 9.70 | 138 | 223776 | 35.51 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 9.81 | 184 | 106178 | 43.85 | ng | # | 82 |
| 54) Dibenzofuran | 9.95 | 168 | 1070269 | 40.01 | ng | | 95 |
| 55) 4-Nitrophenol | 9.88 | 139 | 176896 | 38.20 | ng | | 85 |
| 56) 2,4-Dinitrotoluene | 9.94 | 165 | 312756 | 43.73 | ng | | 95 |
| 57) Fluorene | 10.28 | 166 | 863762 | 38.67 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.06 | 232 | 212397 | 39.82 | ng | | 92 |
| 59) Diethylphthalate | 10.17 | 149 | 989074 | 39.46 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.28 | 204 | 420924 | 44.82 | ng | | 97 |
| 61) 4-Nitroaniline | 10.32 | 138 | 242672 | 39.52 | ng | | 93 |
| 62) Azobenzene | 10.44 | 77 | 1022831 | 42.44 | ng | | 92 |
| 64) 4,6-Dinitro-2-methylphenol | 10.35 | 198 | 169153 | 43.36 | ng | | 74 |
| 65) n-Nitrosodiphenylamine | 10.41 | 169 | 842307 | 41.97 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.77 | 248 | 297899 | 42.67 | ng | | 99 |
| 67) Hexachlorobenzene | 10.83 | 284 | 289076 | 38.00 | ng | # | 89 |
| 68) Atrazine | 10.93 | 200 | 224798 | 35.47 | ng | | 98 |
| 69) Pentachlorophenol | 11.02 | 266 | 137636 | 38.50 | ng | | 97 |
| 70) Phenanthrene | 11.24 | 178 | 1292297 | 36.86 | ng | | 98 |
| 71) Anthracene | 11.30 | 178 | 1437328 | 40.69 | ng | | 100 |
| 72) Carbazole | 11.46 | 167 | 1195058 | 38.80 | ng | | 97 |
| 73) Di-n-butylphthalate | 11.79 | 149 | 1446483 | 36.88 | ng | # | 97 |
| 74) Fluoranthene | 12.43 | 202 | 1398689 | 39.42 | ng | | 93 |
| 76) Benzidine | 12.56 | 184 | 728822 | 50.62 | ng | | 98 |
| 77) Pyrene | 12.65 | 202 | 1320781 | 40.31 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.29 | 149 | 635680 | 42.77 | ng | # | 80 |
| 80) Benzo(a)anthracene | 13.84 | 228 | 1059804 | 39.90 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.81 | 252 | 411150 | 43.72 | ng | | 99 |
| 82) Chrysene | 13.87 | 228 | 1011503 | 39.28 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.85 | 149 | 793897 | 42.92 | ng | # | 96 |
| 84) Di-n-octyl phthalate | 14.45 | 149 | 1199927 | 39.32 | ng | # | 89 |
| 85) Indeno(1,2,3-cd)pyrene | 16.52 | 276 | 847486 | 41.81 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.84 | 252 | 833617m | 35.34 | ng | | |
| 88) Benzo(k)fluoranthene | 14.88 | 252 | 907007m | 46.50 | ng | | |
| 89) Benzo(a)pyrene | 15.17 | 252 | 795774 | 39.59 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.53 | 278 | 706427 | 41.75 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 16.91 | 276 | 718786 | 42.17 | ng | | 99 |

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

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