Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
Data File : BF089798.D
Acq On : 19 Aug 2016 16:29
Operator : UM/SJ
Sample : PB92975BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

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sohil
8/22/2016 3:47:35 PM

Quant Time: Aug 22 01:35:28 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.68 | 152 | 568868 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.98 | 136 | 2212914 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.72 | 164 | 1026038 | 20.00 | ng | | 0.01 |
| 63) Phenanthrene-d10 | 11.20 | 188 | 1860031 | 20.00 | ng | | 0.01 |
| 75) Chrysene-d12 | 13.85 | 240 | 1184954 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.33 | 264 | 985235 | 20.00 | ng | | -0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.28 | 112 | 2741523 | 82.65 | ng | | 0.02 |
| 7) Phenol-d6 | 6.32 | 99 | 3271697 | 80.34 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.26 | 82 | 3012774 | 84.58 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.50 | 330 | 761464 | 78.09 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.05 | 172 | 4492379 | 76.95 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.79 | 244 | 4189078 | 79.98 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.27 | 88 | 546659 | 33.30 | ng | | 97 |
| 3) Pyridine | 2.91 | 79 | 1519322 | 35.29 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 2.88 | 42 | 617771 | 38.54 | ng | # | 78 |
| 6) Aniline | 6.34 | 93 | 1101767 | 20.17 | ng | # | 38 |
| 8) 2-Chlorophenol | 6.47 | 128 | 1605613 | 40.48 | ng | | 87 |
| 9) Benzaldehyde | 6.22 | 77 | 391791 | 14.77 | ng | | 98 |
| 10) Phenol | 6.34 | 94 | 1935463 | 40.55 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.42 | 93 | 1349203 | 36.46 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.63 | 146 | 1660553m | 40.04 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.71 | 146 | 1613938m | 37.86 | ng | | |
| 14) 1,2-Dichlorobenzene | 6.86 | 146 | 1568391 | 39.41 | ng | | 96 |
| 15) Benzyl Alcohol | 6.83 | 79 | 1100946 | 40.77 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.98 | 45 | 1830269 | 38.64 | ng | | 91 |
| 17) 2-Methylphenol | 6.95 | 107 | 1243480 | 40.02 | ng | | 98 |
| 18) Hexachloroethane | 7.20 | 117 | 590675 | 38.85 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70 | 1109506 | 42.60 | ng | # | 84 |
| 20) 3+4-Methylphenols | 7.11 | 107 | 1483178 | 38.93 | ng | # | 66 |
| 22) Acetophenone | 7.10 | 105 | 1865152 | 36.71 | ng | # | 90 |
| 24) Nitrobenzene | 7.27 | 77 | 1467831 | 36.73 | ng | | 99 |
| 25) Isophorone | 7.52 | 82 | 2894054 | 40.28 | ng | # | 92 |
| 26) 2-Nitrophenol | 7.59 | 139 | 798985 | 40.07 | ng | # | 83 |
| 27) 2,4-Dimethylphenol | 7.63 | 122 | 1352825 | 37.64 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93 | 1988188 | 44.73 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 7.83 | 162 | 1179694 | 39.12 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 7.92 | 180 | 1353367 | 40.58 | ng | | 95 |
| 31) Naphthalene | 8.00 | 128 | 4199331 | 40.60 | ng | | 100 |
| 32) Benzoic acid | 7.76 | 122 | 824647 | 29.45 | ng | | 98 |
| 33) 4-Chloroaniline | 8.04 | 127 | 607964 | 13.56 | ng | # | 95 |
| 34) Hexachlorobutadiene | 8.12 | 225 | 674093 | 38.59 | ng | | 96 |
| 35) Caprolactam | 8.42 | 113 | 413146 | 44.99 | ng | # | 85 |
| 36) 4-Chloro-3-methylphenol | 8.54 | 107 | 1362202 | 41.71 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.68 | 142 | 2851452 | 42.62 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.86 | 216 | 1006278 | 30.29 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 8.84 | 237 | 1131086 | 98.05 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.96 | 196 | 891928 | 42.67 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.00 | 196 | 880088 | 42.33 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.15 | 154 | 3049834 | 38.41 | ng | | 95 |
| 46) 2-Chloronaphthalene | 9.16 | 162 | 2486822 | 39.62 | ng | | 99 |
| 47) 2-Nitroaniline | 9.27 | 65 | 893446 | 49.91 | ng | # | 80 |
| 48) Acenaphthylene | 9.58 | 152 | 4072325 | 43.18 | ng | | 99 |
| 49) Dimethylphthalate | 9.46 | 163 | 3178302 | 43.99 | ng | # | 99 |
| 50) 2,6-Dinitrotoluene | 9.51 | 165 | 637511 | 38.22 | ng | # | 85 |
| 51) Acenaphthene | 9.76 | 154 | 3024462 | 48.45 | ng | | 99 |
| 52) 3-Nitroaniline | 9.67 | 138 | 365170 | 19.76 | ng | | 97 |
| 53) 2,4-Dinitrophenol | 9.78 | 184 | 761583 | 78.24 | ng | # | 82 |
| 54) Dibenzofuran | 9.93 | 168 | 3756940 | 47.92 | ng | | 91 |
| 55) 4-Nitrophenol | 9.84 | 139 | 1136984 | 75.38 | ng | | 91 |
| 56) 2,4-Dinitrotoluene | 9.91 | 165 | 839267 | 38.78 | ng | # | 61 |
| 57) Fluorene | 10.26 | 166 | 2664165 | 42.64 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.04 | 232 | 755766 | 49.95 | ng | | 98 |
| 59) Diethylphthalate | 10.16 | 149 | 3071188 | 41.85 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.26 | 204 | 1104721 | 38.76 | ng | | 92 |
| 61) 4-Nitroaniline | 10.28 | 138 | 659914 | 38.09 | ng | | 97 |
| 62) Azobenzene | 10.42 | 77 | 3094728 | 44.85 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 10.32 | 198 | 458348 | 42.88 | ng | # | 58 |
| 65) n-Nitrosodiphenylamine | 10.39 | 169 | 2671875 | 45.69 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.75 | 248 | 831334 | 42.63 | ng | # | 86 |
| 67) Hexachlorobenzene | 10.81 | 284 | 868001 | 39.02 | ng | # | 85 |
| 68) Atrazine | 10.91 | 200 | 687715 | 38.40 | ng | | 96 |
| 69) Pentachlorophenol | 11.00 | 266 | 1015874 | 80.56 | ng | | 97 |
| 70) Phenanthrene | 11.22 | 178 | 3993614 | 42.51 | ng | | 95 |
| 71) Anthracene | 11.27 | 178 | 3754470 | 39.32 | ng | | 98 |
| 72) Carbazole | 11.43 | 167 | 3754180 | 43.83 | ng | | 97 |
| 73) Di-n-butylphthalate | 11.78 | 149 | 4555471 | 42.51 | ng | # | 98 |
| 74) Fluoranthene | 12.40 | 202 | 3573278 | 39.99 | ng | | 93 |
| 76) Benzidine | 12.52 | 184 | 1186372 | 30.94 | ng | | 98 |
| 77) Pyrene | 12.63 | 202 | 3920376 | 40.63 | ng | | 95 |
| 79) Butylbenzylphthalate | 13.28 | 149 | 2053139 | 47.11 | ng | | 91 |
| 80) Benzo(a)anthracene | 13.84 | 228 | 3067284 | 45.20 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 13.82 | 252 | 611011 | 27.46 | ng | # | 94 |
| 82) Chrysene | 13.89 | 228 | 2701462 | 46.43 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 13.87 | 149 | 2635932 | 43.91 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.55 | 149 | 4056464 | 50.85 | ng | # | 95 |
| 85) Indeno(1,2,3-cd)pyrene | 16.62 | 276 | 2690780 | 36.25 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.95 | 252 | 2527982 | 46.64 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 14.97 | 252 | 2110938m | 42.93 | ng | | |
| 89) Benzo(a)pyrene | 15.28 | 252 | 2254803 | 43.95 | ng | # | 94 |
| 90) Dibenzo(a,h)anthracene | 16.64 | 278 | 2256158 | 40.52 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.01 | 276 | 2317636 | 39.53 | ng | | 98 |

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

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