Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083949.D
Acq On : 19 Dec 2015 12:42
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
12/22/2015 11:59:23 AM

Quant Time: Dec 21 02:59:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 69037 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.13 | 136 | 265871 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.89 | 164 | 131772 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.37 | 188 | 236482 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 14.01 | 240 | 193529 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.44 | 264 | 148137 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 306437 | 69.46 | ng | | -0.02 |
| 7) Phenol-d6 | 6.50 | 99 | 375180 | 69.48 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 383408 | 82.30 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.68 | 330 | 116746 | 80.42 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.22 | 172 | 727209 | 76.24 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.96 | 244 | 754962 | 91.70 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.42 | 88 | 64856 | 33.89 | ng | | 98 |
| 3) Pyridine | 3.15 | 79 | 172516 | 36.46 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.10 | 42 | 69534 | 38.52 | ng | | 96 |
| 6) Aniline | 6.51 | 93 | 243514 | 35.02 | ng | # | 63 |
| 8) 2-Chlorophenol | 6.64 | 128 | 185043 | 35.24 | ng | | 95 |
| 9) Benzaldehyde | 6.40 | 77 | 115744 | 35.58 | ng | | 96 |
| 10) Phenol | 6.51 | 94 | 195624 | 32.47 | ng | # | 65 |
| 11) bis(2-Chloroethyl)ether | 6.59 | 93 | 163920 | 35.81 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.80 | 146 | 215480 | 38.16 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.86 | 146 | 200858 | 34.84 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.02 | 146 | 200901 | 43.09 | ng | | 99 |
| 15) Benzyl Alcohol | 7.00 | 79 | 159083 | 38.93 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45 | 172112 | 36.47 | ng | | 57 |
| 17) 2-Methylphenol | 7.12 | 107 | 139389 | 33.85 | ng | | 96 |
| 18) Hexachloroethane | 7.37 | 117 | 76778 | 36.30 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70 | 121222 | 38.51 | ng | | 91 |
| 20) 3+4-Methylphenols | 7.28 | 107 | 186876 | 38.61 | ng | # | 54 |
| 22) Acetophenone | 7.26 | 105 | 243525 | 38.05 | ng | | 95 |
| 24) Nitrobenzene | 7.44 | 77 | 172446 | 35.79 | ng | | 97 |
| 25) Isophorone | 7.68 | 82 | 334817 | 38.20 | ng | | 99 |
| 26) 2-Nitrophenol | 7.76 | 139 | 106168 | 42.57 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 7.80 | 122 | 179058 | 41.68 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93 | 208971 | 40.31 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.01 | 162 | 150171 | 38.53 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 8.08 | 180 | 155302 | 37.10 | ng | | 99 |
| 31) Naphthalene | 8.16 | 128 | 501854 | 37.08 | ng | | 100 |
| 32) Benzoic acid | 7.93 | 122 | 88524 | 53.52 | ng | | 93 |
| 33) 4-Chloroaniline | 8.21 | 127 | 231879 | 38.42 | ng | # | 90 |
| 34) Hexachlorobutadiene | 8.28 | 225 | 99468 | 38.05 | ng | | 98 |
| 35) Caprolactam | 8.59 | 113 | 49784 | 38.66 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.70 | 107 | 180206 | 40.80 | ng | | 92 |
| 37) 2-Methylnaphthalene | 8.85 | 142 | 369452 | 39.98 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.01 | 216 | 148208 | 35.67 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 9.00 | 237 | 31157 | 34.65 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.13 | 196 | 100349 | 36.58 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.17 | 196 | 104575 | 38.52 | ng | # | 84 |
| 45) 1,1'-Biphenyl | 9.31 | 154 | 410702 | 36.83 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.33 | 162 | 333780 | 38.29 | ng | | 99 |
| 47) 2-Nitroaniline | 9.44 | 65 | 104093 | 39.94 | ng | # | 75 |
| 48) Acenaphthylene | 9.76 | 152 | 583770 | 38.00 | ng | | 100 |
| 49) Dimethylphthalate | 9.62 | 163 | 416547 | 37.67 | ng | # | 91 |
| 50) 2,6-Dinitrotoluene | 9.68 | 165 | 84414 | 35.00 | ng | # | 66 |
| 51) Acenaphthene | 9.93 | 154 | 362745 | 38.40 | ng | | 100 |
| 52) 3-Nitroaniline | 9.85 | 138 | 99159 | 39.00 | ng | | 86 |
| 53) 2,4-Dinitrophenol | 9.95 | 184 | 28993 | 39.47 | ng | # | 65 |
| 54) Dibenzofuran | 10.10 | 168 | 460407 | 37.53 | ng | | 99 |
| 55) 4-Nitrophenol | 10.02 | 139 | 63213 | 39.83 | ng | | 91 |
| 56) 2,4-Dinitrotoluene | 10.09 | 165 | 117904 | 38.13 | ng | # | 78 |
| 57) Fluorene | 10.44 | 166 | 388797 | 41.43 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.21 | 232 | 73213 | 36.45 | ng | | 97 |
| 59) Diethylphthalate | 10.32 | 149 | 439024 | 38.41 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.43 | 204 | 178707 | 38.01 | ng | | 96 |
| 61) 4-Nitroaniline | 10.46 | 138 | 100783 | 38.31 | ng | | 86 |
| 62) Azobenzene | 10.59 | 77 | 377190 | 39.37 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 10.50 | 198 | 57172 | 40.05 | ng | | 73 |
| 65) n-Nitrosodiphenylamine | 10.54 | 169 | 305219 | 35.47 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 10.92 | 248 | 110161 | 38.10 | ng | | 96 |
| 67) Hexachlorobenzene | 10.99 | 284 | 117280 | 38.53 | ng | # | 90 |
| 68) Atrazine | 11.08 | 200 | 111199 | 40.79 | ng | | 94 |
| 69) Pentachlorophenol | 11.18 | 266 | 51967 | 42.57 | ng | | 97 |
| 70) Phenanthrene | 11.40 | 178 | 531431 | 37.19 | ng | | 99 |
| 71) Anthracene | 11.45 | 178 | 500049 | 36.21 | ng | | 100 |
| 72) Carbazole | 11.61 | 167 | 513448 | 37.63 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.94 | 149 | 674449 | 42.06 | ng | | 100 |
| 74) Fluoranthene | 12.58 | 202 | 535517 | 37.56 | ng | | 99 |
| 76) Benzidine | 12.71 | 184 | 216763 | 27.97 | ng | | 99 |
| 77) Pyrene | 12.81 | 202 | 523999 | 42.76 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.43 | 149 | 261129 | 40.53 | ng | | 97 |
| 80) Benzo(a)anthracene | 14.00 | 228 | 446977 | 37.57 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.96 | 252 | 170444 | 38.33 | ng | | 97 |
| 82) Chrysene | 14.03 | 228 | 425758 | 37.04 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.99 | 149 | 363336 | 42.24 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.60 | 149 | 616392 | 45.79 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.87 | 276 | 359805 | 41.86 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 15.03 | 252 | 453615m | 42.00 | ng | | |
| 88) Benzo(k)fluoranthene | 15.06 | 252 | 295780m | 33.20 | ng | | |
| 89) Benzo(a)pyrene | 15.38 | 252 | 333820 | 37.43 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 16.87 | 278 | 297807 | 42.92 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.28 | 276 | 300145 | 44.14 | ng | | 98 |

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

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