Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100370.D
Acq On : 10 Nov 2017 5:35
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
Sohil
11/10/2017 1:31:05 PM

Quant Time: Nov 10 06:14:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 158688 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.19 | 136 | 635085 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.95 | 164 | 283085 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.43 | 188 | 474428 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.07 | 240 | 298189 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.55 | 264 | 319123 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.51 | 112 | 792066 | 80.01 | ng | | 0.00 |
| 7) Phenol-d6 | 6.53 | 99 | 976754 | 80.01 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.47 | 82 | 891955 | 92.85 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.73 | 330 | 226311 | 78.45 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.26 | 172 | 1528306 | 82.21 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.01 | 244 | 1132220 | 87.24 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.69 | 88 | 195958 | 40.619 | ng | | 96 |
| 3) Pyridine | 3.47 | 79 | 526028 | 39.966 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.42 | 42 | 257469 | 40.290 | ng | | 97 |
| 6) Aniline | 6.57 | 93 | 689208 | 39.963 | ng | | 100 |
| 8) 2-Chlorophenol | 6.69 | 128 | 432737 | 41.320 | ng | | 99 |
| 9) Benzaldehyde | 6.46 | 77 | 352134 | 40.392 | ng | | 96 |
| 10) Phenol | 6.54 | 94 | 519949 | 40.573 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.64 | 93 | 439226 | 40.804 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.85 | 146 | 488852 | 40.487 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.92 | 146 | 486568 | 39.815 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.07 | 146 | 452856 | 40.079 | ng | | 97 |
| 15) Benzyl Alcohol | 7.04 | 79 | 390029 | 40.938 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45 | 585175m | 33.990 | ng | | |
| 17) 2-Methylphenol | 7.15 | 107 | 365326 | 40.820 | ng | | 99 |
| 18) Hexachloroethane | 7.42 | 117 | 165256 | 41.013 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70 | 333194 | 39.357 | ng | | 93 |
| 20) 3+4-Methylphenols | 7.30 | 107 | 448337 | 39.588 | ng | # | 85 |
| 22) Acetophenone | 7.32 | 105 | 601465 | 38.838 | ng | # | 98 |
| 24) Nitrobenzene | 7.49 | 77 | 460974 | 46.624 | ng | | 99 |
| 25) Isophorone | 7.72 | 82 | 809591 | 40.106 | ng | | 98 |
| 26) 2-Nitrophenol | 7.80 | 139 | 231592 | 49.740 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.83 | 122 | 373855 | 41.314 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93 | 538983 | 40.819 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.04 | 162 | 360334 | 41.712 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.13 | 180 | 379983 | 40.664 | ng | | 96 |
| 31) Naphthalene | 8.21 | 128 | 1211008 | 39.590 | ng | | 100 |
| 32) Benzoic acid | 7.94 | 122 | 316926m | 46.178 | ng | | |
| 33) 4-Chloroaniline | 8.25 | 127 | 518081 | 40.689 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.32 | 225 | 228620 | 41.149 | ng | | 99 |
| 35) Caprolactam | 8.63 | 113 | 115875 | 39.086 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.73 | 107 | 368612 | 39.730 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.90 | 142 | 791277 | 38.964 | ng | | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 409822 | 43.651 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 9.05 | 237 | 104722 | 23.700 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.17 | 196 | 257815 | 43.328 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 9.21 | 196 | 270775 | 43.922 | ng | | 93 |
| 45) 1,1'-Biphenyl | 9.36 | 154 | 1012721 | 41.363 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.39 | 162 | 737823 | 41.539 | ng | | 98 |
| 47) 2-Nitroaniline | 9.48 | 65 | 248111 | 47.315 | ng | | 92 |
| 48) Acenaphthylene | 9.80 | 152 | 1178268 | 40.028 | ng | | 99 |
| 49) Dimethylphthalate | 9.66 | 163 | 899952 | 41.638 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.72 | 165 | 191478 | 44.755 | ng | | 97 |
| 51) Acenaphthene | 9.98 | 154 | 700395 | 39.123 | ng | | 99 |
| 52) 3-Nitroaniline | 9.89 | 138 | 221096 | 43.763 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 9.99 | 184 | 36815 | 31.123 | ng | # | 18 |
| 54) Dibenzofuran | 10.15 | 168 | 1000064 | 39.857 | ng | | 99 |
| 55) 4-Nitrophenol | 10.04 | 139 | 157526 | 38.400 | ng | | 94 |
| 56) 2,4-Dinitrotoluene | 10.12 | 165 | 246446 | 45.661 | ng | | 98 |
| 57) Fluorene | 10.49 | 166 | 734150 | 39.940 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.26 | 232 | 200888 | 39.759 | ng | | 88 |
| 59) Diethylphthalate | 10.36 | 149 | 883077 | 40.827 | ng | | 95 |
| 60) 4-Chlorophenyl-phenylether | 10.48 | 204 | 371529 | 41.203 | ng | | 95 |
| 61) 4-Nitroaniline | 10.50 | 138 | 196050 | 40.925 | ng | | 97 |
| 62) Azobenzene | 10.64 | 77 | 802411 | 39.389 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.53 | 198 | 71149 | 32.969 | ng | | 94 |
| 65) n-Nitrosodiphenylamine | 10.60 | 169 | 740806 | 44.907 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 10.97 | 248 | 232410 | 45.698 | ng | # | 83 |
| 67) Hexachlorobenzene | 11.04 | 284 | 233130 | 43.828 | ng | # | 85 |
| 68) Atrazine | 11.12 | 200 | 227478 | 45.555 | ng | | 98 |
| 69) Pentachlorophenol | 11.23 | 266 | 150209 | 39.382 | ng | | 98 |
| 70) Phenanthrene | 11.45 | 178 | 1005585 | 40.257 | ng | | 99 |
| 71) Anthracene | 11.50 | 178 | 1018036 | 40.171 | ng | | 99 |
| 72) Carbazole | 11.66 | 167 | 884360 | 37.819 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.99 | 149 | 1264200 | 46.198 | ng | | 99 |
| 74) Fluoranthene | 12.64 | 202 | 887093 | 33.509 | ng | | 98 |
| 76) Benzidine | 12.76 | 184 | 439232 | 36.781 | ng | | 99 |
| 77) Pyrene | 12.87 | 202 | 871881 | 41.018 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.49 | 149 | 406927 | 46.943 | ng | | 94 |
| 80) Benzo(a)anthracene | 14.06 | 228 | 742474 | 41.348 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.02 | 252 | 281823 | 43.804 | ng | | 98 |
| 82) Chrysene | 14.09 | 228 | 707336 | 40.678 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 14.04 | 149 | 565567 | 49.606 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.66 | 149 | 927124 | 47.335 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 17.04 | 276 | 665562 | 47.321 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 15.12 | 252 | 741088 | 39.198 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 15.14 | 252 | 741046 | 41.483 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.49 | 252 | 695243 | 41.479 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 17.06 | 278 | 573476 | 41.837 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.50 | 276 | 518708 | 38.657 | ng | | 95 |

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

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