Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100408.D
Acq On : 10 Nov 2017 23:25
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
SOHIL
11/13/2017 4:43:32 PM

Quant Time: Nov 11 00:29:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 135700 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.19 | 136 | 522074 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.94 | 164 | 213416 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.43 | 188 | 340319 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.07 | 240 | 269220 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.54 | 264 | 216022 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 693238 | 81.89 | ng | | 0.00 |
| 7) Phenol-d6 | 6.53 | 99 | 831990 | 79.70 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.47 | 82 | 730014 | 92.45 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.73 | 330 | 156111 | 71.78 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.26 | 172 | 1223420 | 87.29 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.01 | 244 | 959867 | 81.92 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.69 | 88 | 165861 | 40.204 | ng | | 94 |
| 3) Pyridine | 3.47 | 79 | 446656 | 39.684 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.42 | 42 | 218256 | 39.940 | ng | | 98 |
| 6) Aniline | 6.57 | 93 | 576946 | 39.121 | ng | | 100 |
| 8) 2-Chlorophenol | 6.69 | 128 | 363325 | 40.569 | ng | | 98 |
| 9) Benzaldehyde | 6.46 | 77 | 301602 | 40.457 | ng | | 99 |
| 10) Phenol | 6.54 | 94 | 437059 | 39.882 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.64 | 93 | 368781 | 40.064 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.85 | 146 | 412468 | 39.948 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.92 | 146 | 420805 | 40.267 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.07 | 146 | 384660 | 39.811 | ng | | 99 |
| 15) Benzyl Alcohol | 7.04 | 79 | 315453 | 38.719 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45 | 484558 | 32.913 | ng | | 98 |
| 17) 2-Methylphenol | 7.15 | 107 | 299952 | 39.193 | ng | | 99 |
| 18) Hexachloroethane | 7.42 | 117 | 93154 | 27.036 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70 | 268552 | 37.095 | ng | | 93 |
| 20) 3+4-Methylphenols | 7.30 | 107 | 372616 | 38.475 | ng | # | 86 |
| 22) Acetophenone | 7.32 | 105 | 510448 | 40.096 | ng | # | 98 |
| 24) Nitrobenzene | 7.49 | 77 | 381494 | 46.938 | ng | | 99 |
| 25) Isophorone | 7.72 | 82 | 644758 | 38.854 | ng | | 99 |
| 26) 2-Nitrophenol | 7.80 | 139 | 141202 | 38.281 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.83 | 122 | 288845 | 38.829 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93 | 447365 | 41.215 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.04 | 162 | 283438 | 39.913 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.13 | 180 | 314339 | 40.921 | ng | | 98 |
| 31) Naphthalene | 8.21 | 128 | 1003389 | 39.903 | ng | | 100 |
| 32) Benzoic acid | 7.92 | 122 | 175055m | 34.102 | ng | | |
| 33) 4-Chloroaniline | 8.25 | 127 | 417225 | 39.861 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.32 | 225 | 186677 | 40.873 | ng | | 99 |
| 35) Caprolactam | 8.62 | 113 | 87771 | 36.015 | ng | # | 89 |
| 36) 4-Chloro-3-methylphenol | 8.73 | 107 | 283266 | 37.140 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.90 | 142 | 640086 | 38.341 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 328426 | 46.401 | ng | # | 97 |
| 40) Hexachlorocyclopentadiene | 9.05 | 237 | 9616 | 2.887 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.17 | 196 | 188949 | 42.121 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.21 | 196 | 192382 | 41.393 | ng | | 96 |
| 45) 1,1'-Biphenyl | 9.36 | 154 | 802049 | 43.452 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.39 | 162 | 572891 | 42.782 | ng | | 98 |
| 47) 2-Nitroaniline | 9.48 | 65 | 194301 | 49.042 | ng | | 92 |
| 48) Acenaphthylene | 9.80 | 152 | 891689 | 40.181 | ng | | 99 |
| 49) Dimethylphthalate | 9.66 | 163 | 704967 | 43.264 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.72 | 165 | 131695 | 40.830 | ng | | 96 |
| 51) Acenaphthene | 9.97 | 154 | 524549 | 38.865 | ng | | 100 |
| 52) 3-Nitroaniline | 9.89 | 138 | 173443 | 45.538 | ng | | 95 |
| 53) 2,4-Dinitrophenol | 9.99 | 184 | 1769 | 9.539 | ng | # | 42 |
| 54) Dibenzofuran | 10.15 | 168 | 751064 | 39.705 | ng | | 99 |
| 55) 4-Nitrophenol | 10.04 | 139 | 98240 | 31.766 | ng | | 93 |
| 56) 2,4-Dinitrotoluene | 10.12 | 165 | 155367 | 38.183 | ng | # | 96 |
| 57) Fluorene | 10.49 | 166 | 540452 | 39.001 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.26 | 232 | 132476 | 34.778 | ng | # | 88 |
| 59) Diethylphthalate | 10.36 | 149 | 682440 | 41.851 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.48 | 204 | 283862 | 41.757 | ng | | 93 |
| 61) 4-Nitroaniline | 10.50 | 138 | 154379 | 42.746 | ng | | 91 |
| 62) Azobenzene | 10.64 | 77 | 587231 | 38.236 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.53 | 198 | 5804 | 11.345 | ng | | 87 |
| 65) n-Nitrosodiphenylamine | 10.60 | 169 | 553702 | 46.792 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 10.97 | 248 | 168986 | 46.321 | ng | | 91 |
| 67) Hexachlorobenzene | 11.03 | 284 | 168526 | 44.168 | ng | | 92 |
| 68) Atrazine | 11.12 | 200 | 155872 | 43.516 | ng | | 96 |
| 69) Pentachlorophenol | 11.23 | 266 | 97896 | 35.781 | ng | | 98 |
| 70) Phenanthrene | 11.45 | 178 | 728615 | 40.663 | ng | | 98 |
| 71) Anthracene | 11.50 | 178 | 749376 | 41.222 | ng | | 99 |
| 72) Carbazole | 11.66 | 167 | 670213 | 39.956 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.99 | 149 | 937695 | 47.770 | ng | | 99 |
| 74) Fluoranthene | 12.64 | 202 | 747688 | 39.373 | ng | | 97 |
| 76) Benzidine | 12.76 | 184 | 400989 | 37.192 | ng | | 99 |
| 77) Pyrene | 12.87 | 202 | 773146 | 40.287 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.48 | 149 | 354080 | 45.242 | ng | | 99 |
| 80) Benzo(a)anthracene | 14.06 | 228 | 666631 | 41.119 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.02 | 252 | 263453 | 45.355 | ng | | 99 |
| 82) Chrysene | 14.09 | 228 | 635967 | 40.509 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 14.04 | 149 | 501523 | 48.722 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.65 | 149 | 849825 | 48.057 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 17.04 | 276 | 466851 | 36.764 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 15.12 | 252 | 555814 | 43.429 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.14 | 252 | 521490 | 43.125 | ng | # | 97 |
| 89) Benzo(a)pyrene | 15.49 | 252 | 472637 | 41.657 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 17.06 | 278 | 395375 | 42.610 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.50 | 276 | 376693 | 41.472 | ng | | 94 |

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

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