Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098814.D
Acq On : 26 Sep 2017 6:38
Operator : SJ/JU
Sample : PB102566BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 26 09:01:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB102566BS

**Manual Integrations APPROVED**
Sohil
9/26/2017 4:58:59 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.92 | 152 | 137351 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.20 | 136 | 585966 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.96 | 164 | 263717 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.44 | 188 | 443862 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.08 | 240 | 251004 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.57 | 264 | 239884 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.54 | 112 | 800365 | 92.76 | ng | | 0.00 |
| 7) Phenol-d6 | 6.54 | 99 | 967079 | 90.86 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.48 | 82 | 846961 | 92.69 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.74 | 330 | 196697 | 91.15 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.27 | 172 | 1536679 | 97.28 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.02 | 244 | 1104748 | 100.09 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.79 | 88 | 144152 | 34.975 | ng | | 97 |
| 3) Pyridine | 3.56 | 79 | 413448 | 37.082 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.51 | 42 | 190373 | 40.265 | ng | | 96 |
| 6) Aniline | 6.57 | 93 | 487990 | 33.970 | ng | | 99 |
| 8) 2-Chlorophenol | 6.70 | 128 | 414391 | 42.410 | ng | | 99 |
| 9) Benzaldehyde | 6.46 | 77 | 98876 | 16.015 | ng | | 99 |
| 10) Phenol | 6.55 | 94 | 503555 | 42.302 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.65 | 93 | 393071 | 42.475 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.86 | 146 | 432843 | 42.299 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.93 | 146 | 435418 | 41.821 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.09 | 146 | 402750 | 41.866 | ng | | 98 |
| 15) Benzyl Alcohol | 7.05 | 79 | 353717 | 45.300 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.19 | 45 | 614930 | 42.650 | ng | | 98 |
| 17) 2-Methylphenol | 7.16 | 107 | 354440 | 44.333 | ng | | 97 |
| 18) Hexachloroethane | 7.43 | 117 | 147752 | 39.482 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.33 | 70 | 281273 | 41.391 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.32 | 107 | 431138 | 42.627 | ng | # | 82 |
| 22) Acetophenone | 7.32 | 105 | 559836 | 39.434 | ng | # | 99 |
| 24) Nitrobenzene | 7.50 | 77 | 427542 | 41.249 | ng | | 97 |
| 25) Isophorone | 7.73 | 82 | 784672 | 41.537 | ng | | 99 |
| 26) 2-Nitrophenol | 7.81 | 139 | 210818 | 42.297 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.85 | 122 | 393712 | 41.827 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.94 | 93 | 504298 | 42.836 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.05 | 162 | 348760 | 43.155 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.14 | 180 | 341417 | 42.239 | ng | | 99 |
| 31) Naphthalene | 8.22 | 128 | 1167529 | 42.424 | ng | | 100 |
| 32) Benzoic acid | 7.96 | 122 | 209263 | 27.065 | ng | | 97 |
| 33) 4-Chloroaniline | 8.26 | 127 | 344480 | 29.974 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.33 | 225 | 172938 | 41.539 | ng | | 100 |
| 35) Caprolactam | 8.64 | 113 | 116916m | 45.100 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.74 | 107 | 374630 | 41.242 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.91 | 142 | 807085 | 45.112 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.07 | 216 | 313773 | 39.896 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.06 | 237 | 160189 | 44.569 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.19 | 196 | 238876 | 42.873 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 9.23 | 196 | 240204 | 43.187 | ng | | 95 |
| 45) 1,1'-Biphenyl | 9.37 | 154 | 921071 | 40.639 | ng | | 100 |
| 46) 2-Chloronaphthalene | 9.40 | 162 | 725148 | 42.612 | ng | | 97 |
| 47) 2-Nitroaniline | 9.49 | 65 | 234035 | 44.914 | ng | | 98 |
| 48) Acenaphthylene | 9.82 | 152 | 1100259 | 42.235 | ng | | 100 |
| 49) Dimethylphthalate | 9.67 | 163 | 870031 | 43.712 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.73 | 165 | 193431 | 44.639 | ng | | 99 |
| 51) Acenaphthene | 9.99 | 154 | 674992 | 40.904 | ng | | 97 |
| 52) 3-Nitroaniline | 9.90 | 138 | 175678 | 34.770 | ng | | 96 |
| 53) 2,4-Dinitrophenol | 10.00 | 184 | 37958 | 21.428 | ng | | 95 |
| 54) Dibenzofuran | 10.16 | 168 | 1001948 | 45.602 | ng | | 99 |
| 55) 4-Nitrophenol | 10.06 | 139 | 346754 | 81.164 | ng | | 91 |
| 56) 2,4-Dinitrotoluene | 10.14 | 165 | 252846 | 44.961 | ng | # | 95 |
| 57) Fluorene | 10.50 | 166 | 750760 | 42.512 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.27 | 232 | 176115 | 45.838 | ng | | 98 |
| 59) Diethylphthalate | 10.37 | 149 | 858873 | 44.160 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.49 | 204 | 343061 | 43.246 | ng | | 98 |
| 61) 4-Nitroaniline | 10.52 | 138 | 197547 | 40.527 | ng | | 90 |
| 62) Azobenzene | 10.65 | 77 | 814337 | 45.537 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 10.55 | 198 | 36857 | 13.648 | ng | | 83 |
| 65) n-Nitrosodiphenylamine | 10.61 | 169 | 697866 | 45.385 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.99 | 248 | 199468 | 45.911 | ng | # | 90 |
| 67) Hexachlorobenzene | 11.05 | 284 | 194684 | 41.955 | ng | | 95 |
| 68) Atrazine | 11.14 | 200 | 218889 | 47.313 | ng | | 99 |
| 69) Pentachlorophenol | 11.24 | 266 | 189390 | 65.580 | ng | | 98 |
| 70) Phenanthrene | 11.47 | 178 | 1043328 | 43.913 | ng | | 99 |
| 71) Anthracene | 11.52 | 178 | 1080000 | 44.427 | ng | | 99 |
| 72) Carbazole | 11.67 | 167 | 1014051 | 42.597 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.99 | 149 | 1325413 | 46.255 | ng | | 99 |
| 74) Fluoranthene | 12.65 | 202 | 951093 | 39.533 | ng | | 99 |
| 76) Benzidine | 12.77 | 184 | 618618 | 66.634 | ng | | 98 |
| 77) Pyrene | 12.89 | 202 | 938287 | 49.022 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.49 | 149 | 486279 | 54.059 | ng | | 98 |
| 80) Benzo(a)anthracene | 14.07 | 228 | 678166 | 44.619 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 14.03 | 252 | 238863 | 42.870 | ng | | 98 |
| 82) Chrysene | 14.10 | 228 | 635990 | 43.952 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 14.05 | 149 | 672624 | 54.305 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.66 | 149 | 1011712 | 50.727 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 17.08 | 276 | 571833 | 49.402 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 15.13 | 252 | 658745m | 44.664 | ng | | |
| 88) Benzo(k)fluoranthene | 15.16 | 252 | 590170 | 40.512 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.50 | 252 | 597487 | 44.132 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 17.09 | 278 | 491060 | 45.322 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.53 | 276 | 448542 | 41.881 | ng | | 97 |

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

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