Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029282.D
Acq On : 16 Oct 2017 22:07
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040

Quant Time: Oct 17 04:02:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 62433 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.99 | 136 | 293483 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.79 | 164 | 182527 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.53 | 188 | 409408 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.80 | 240 | 424335 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.11 | 264 | 434521 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.72 | 112 | 320364 | 85.72 | ng | | 0.00 |
| 7) Phenol-d6 | 7.32 | 99 | 452780 | 86.31 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.34 | 82 | 398473 | 86.28 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.27 | 330 | 205704 | 87.29 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.42 | 172 | 1047563 | 84.17 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.11 | 244 | 1567227 | 84.02 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.59 | 88 | 64959 | 42.839 | ng | | 85 |
| 3) Pyridine | 3.99 | 79 | 193594 | 43.842 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 3.90 | 42 | 88027 | 42.646 | ng | # | 94 |
| 6) Aniline | 7.49 | 93 | 277604 | 42.735 | ng | | 96 |
| 8) 2-Chlorophenol | 7.73 | 128 | 183747 | 42.894 | ng | | 91 |
| 9) Benzaldehyde | 7.30 | 77 | 112068 | 42.473 | ng | | 93 |
| 10) Phenol | 7.35 | 94 | 241994 | 42.789 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 7.58 | 93 | 178580 | 43.340 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 8.06 | 146 | 204284 | 42.476 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 8.21 | 146 | 211291 | 43.030 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 8.53 | 146 | 201002 | 42.440 | ng | | 97 |
| 15) Benzyl Alcohol | 8.40 | 79 | 160204 | 43.336 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.70 | 45 | 295556 | 42.236 | ng | | 96 |
| 17) 2-Methylphenol | 8.61 | 107 | 159412 | 42.432 | ng | | 98 |
| 18) Hexachloroethane | 9.26 | 117 | 70599 | 42.190 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.97 | 70 | 152267 | 42.689 | ng | # | 97 |
| 20) 3+4-Methylphenols | 8.94 | 107 | 226831 | 42.850 | ng | | 93 |
| 22) Acetophenone | 8.99 | 105 | 294933 | 41.700 | ng | # | 94 |
| 24) Nitrobenzene | 9.38 | 77 | 220195 | 42.405 | ng | | 91 |
| 25) Isophorone | 9.90 | 82 | 411006 | 42.630 | ng | # | 93 |
| 26) 2-Nitrophenol | 10.09 | 139 | 112387 | 45.284 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 10.14 | 122 | 190759 | 42.483 | ng | | 91 |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93 | 251457 | 42.534 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.63 | 162 | 205103 | 42.834 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.85 | 180 | 218538 | 42.245 | ng | | 99 |
| 31) Naphthalene | 11.04 | 128 | 617383 | 42.210 | ng | | 98 |
| 32) Benzoic acid | 10.29 | 122 | 163200 | 43.407 | ng | # | 83 |
| 33) 4-Chloroaniline | 11.14 | 127 | 264484 | 42.987 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.32 | 225 | 134264 | 41.744 | ng | | 99 |
| 35) Caprolactam | 11.91 | 113 | 70100 | 44.050 | ng | # | 78 |
| 36) 4-Chloro-3-methylphenol | 12.25 | 107 | 223773 | 42.491 | ng | | 91 |
| 37) 2-Methylnaphthalene | 12.63 | 142 | 450721 | 42.281 | ng | | 93 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 280298 | 42.061 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 12.98 | 237 | 97851 | 41.163 | ng | | 90 |

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|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.23 | 196 | 181605 | 43.411 ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 13.30 | 196 | 185297 | 43.130 ng | | 95 |
| 45) 1,1'-Biphenyl | 13.63 | 154 | 661917 | 42.190 ng | | 96 |
| 46) 2-Chloronaphthalene | 13.68 | 162 | 481015 | 42.033 ng | | 97 |
| 47) 2-Nitroaniline | 13.87 | 65 | 138928 | 44.199 ng | # | 86 |
| 48) Acenaphthylene | 14.52 | 152 | 762146 | 42.555 ng | | 99 |
| 49) Dimethylphthalate | 14.24 | 163 | 608698 | 42.742 ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.36 | 165 | 136399 | 45.689 ng | # | 83 |
| 51) Acenaphthene | 14.86 | 154 | 501307 | 43.020 ng | | 99 |
| 52) 3-Nitroaniline | 14.69 | 138 | 144450 | 44.840 ng | # | 81 |
| 53) 2,4-Dinitrophenol | 14.89 | 184 | 61971 | 41.203 ng | # | 53 |
| 54) Dibenzofuran | 15.19 | 168 | 705310 | 42.399 ng | | 99 |
| 55) 4-Nitrophenol | 14.99 | 139 | 118095 | 44.466 ng | # | 82 |
| 56) 2,4-Dinitrotoluene | 15.14 | 165 | 184273 | 45.597 ng | # | 79 |
| 57) Fluorene | 15.83 | 166 | 580999 | 42.278 ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.41 | 232 | 155711 | 43.441 ng | | 95 |
| 59) Diethylphthalate | 15.59 | 149 | 603370 | 42.512 ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.82 | 204 | 308588 | 42.117 ng | | 97 |
| 61) 4-Nitroaniline | 15.84 | 138 | 143580 | 43.405 ng | | 88 |
| 62) Azobenzene | 16.11 | 77 | 507860 | 42.434 ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 15.91 | 198 | 97252 | 42.421 ng | | 84 |
| 65) n-Nitrosodiphenylamine | 16.03 | 169 | 520318 | 42.426 ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.71 | 248 | 199620 | 42.492 ng | | 97 |
| 67) Hexachlorobenzene | 16.84 | 284 | 223649 | 42.028 ng | | 96 |
| 68) Atrazine | 16.97 | 200 | 191767 | 43.822 ng | | 99 |
| 69) Pentachlorophenol | 17.18 | 266 | 135100 | 44.195 ng | | 99 |
| 70) Phenanthrene | 17.57 | 178 | 893300 | 42.236 ng | | 99 |
| 71) Anthracene | 17.66 | 178 | 907111 | 42.713 ng | | 100 |
| 72) Carbazole | 17.92 | 167 | 862522 | 42.278 ng | | 98 |
| 73) Di-n-butylphthalate | 18.48 | 149 | 1009053 | 43.005 ng | | 100 |
| 74) Fluoranthene | 19.57 | 202 | 1055559 | 42.670 ng | | 97 |
| 76) Benzidine | 19.74 | 184 | 561938 | 43.860 ng | | 98 |
| 77) Pyrene | 19.93 | 202 | 1093778 | 42.492 ng | | 97 |
| 79) Butylbenzylphthalate | 20.80 | 149 | 469645 | 42.825 ng | | 94 |
| 80) Benzo(a)anthracene | 21.78 | 228 | 1048911 | 42.102 ng | | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.69 | 252 | 435828 | 42.383 ng | | 99 |
| 82) Chrysene | 21.85 | 228 | 996207 | 41.753 ng | | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 21.67 | 149 | 666254 | 42.332 ng | | 99 |
| 84) Di-n-octyl phthalate | 22.92 | 149 | 1180740 | 43.045 ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 28.90 | 276 | 1261583 | 42.980 ng | # | 89 |
| 87) Benzo(b)fluoranthene | 24.06 | 252 | 1073440 | 43.151 ng | | 99 |
| 88) Benzo(k)fluoranthene | 24.13 | 252 | 1080214 | 43.586 ng | | 98 |
| 89) Benzo(a)pyrene | 24.96 | 252 | 1040756 | 43.519 ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 28.97 | 278 | 1045035 | 43.162 ng | | 96 |
| 91) Benzo(g,h,i)perylene | 30.09 | 276 | 937218 | 41.661 ng | | 98 |

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

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