Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
Data File : BG027923.D
Acq On : 14 Jul 2017 13:37
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC050

Quant Time: Jul 14 14:37:13 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 14:34:19 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.37 | 152 | 54002 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.20 | 136 | 235616 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.98 | 164 | 157168 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.73 | 188 | 384007 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 22.07 | 240 | 478456 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.59 | 264 | 435385 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.94 | 112 | 312694 | 89.17 | ng | | 0.00 |
| 7) Phenol-d6 | 7.52 | 99 | 456563 | 85.22 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.55 | 82 | 448652 | 106.14 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.47 | 330 | 249946 | 115.94 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.61 | 172 | 1242687 | 112.92 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.32 | 244 | 2153280 | 105.51 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.89 | 88 | 56854 | 43.545 | ng | | 98 |
| 3) Pyridine | 4.29 | 79 | 177040 | 44.037 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 4.20 | 42 | 98409 | 49.916 | ng | | 90 |
| 6) Aniline | 7.70 | 93 | 267449 | 43.067 | ng | | 95 |
| 8) 2-Chlorophenol | 7.94 | 128 | 178454 | 45.539 | ng | | 87 |
| 9) Benzaldehyde | 7.51 | 77 | 119583 | 37.512 | ng | | 86 |
| 10) Phenol | 7.55 | 94 | 237018 | 44.717 | ng | | 86 |
| 11) bis(2-Chloroethyl)ether | 7.78 | 93 | 170265 | 42.290 | ng | | 89 |
| 12) 1,3-Dichlorobenzene | 8.26 | 146 | 208744 | 50.080 | ng | # | 88 |
| 13) 1,4-Dichlorobenzene | 8.41 | 146 | 212716 | 49.251 | ng | | 93 |
| 14) 1,2-Dichlorobenzene | 8.73 | 146 | 208286 | 49.737 | ng | # | 89 |
| 15) Benzyl Alcohol | 8.61 | 79 | 141900 | 38.289 | ng | # | 88 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.89 | 45 | 340191 | 39.615 | ng | | 99 |
| 17) 2-Methylphenol | 8.80 | 107 | 154999 | 41.334 | ng | # | 89 |
| 18) Hexachloroethane | 9.46 | 117 | 71713 | 47.203 | ng | | 91 |
| 19) n-Nitroso-di-n-propylamine | 9.17 | 70 | 159955 | 41.039 | ng | | 99 |
| 20) 3+4-Methylphenols | 9.13 | 107 | 221801 | 41.016 | ng | | 91 |
| 22) Acetophenone | 9.19 | 105 | 293298 | 51.586 | ng | | 90 |
| 24) Nitrobenzene | 9.59 | 77 | 229753 | 51.990 | ng | # | 86 |
| 25) Isophorone | 10.10 | 82 | 423522 | 45.967 | ng | # | 93 |
| 26) 2-Nitrophenol | 10.30 | 139 | 114589 | 57.406 | ng | # | 80 |
| 27) 2,4-Dimethylphenol | 10.34 | 122 | 198649 | 53.133 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 10.58 | 93 | 244289 | 46.766 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.84 | 162 | 211697 | 64.611 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 11.05 | 180 | 236384 | 70.739 | ng | | 97 |
| 31) Naphthalene | 11.24 | 128 | 604442 | 48.240 | ng | | 99 |
| 32) Benzoic acid | 10.49 | 122 | 109005 | 54.754 | ng | # | 90 |
| 33) 4-Chloroaniline | 11.35 | 127 | 251380 | 46.439 | ng | # | 90 |
| 34) Hexachlorobutadiene | 11.52 | 225 | 164055 | 88.110 | ng | | 98 |
| 35) Caprolactam | 12.13 | 113 | 67117 | 40.727 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.45 | 107 | 228048 | 49.463 | ng | # | 82 |
| 37) 2-Methylnaphthalene | 12.82 | 142 | 463043 | 49.615 | ng | | 93 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.19 | 216 | 325393 | 78.787 | ng | # | 94 |
| 40) Hexachlorocyclopentadiene | 13.16 | 237 | 162730 | 83.569 | ng | | 95 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.42 | 196 | 205110 | 68.762 | ng | | 96 |
| 43) 2,4,5-Trichlorophenol | 13.50 | 196 | 209962 | 62.121 | ng | # | 91 |
| 45) 1,1'-Biphenyl | 13.82 | 154 | 705456 | 56.000 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.86 | 162 | 508812 | 53.467 | ng | | 97 |
| 47) 2-Nitroaniline | 14.07 | 65 | 158057 | 41.494 | ng | # | 78 |
| 48) Acenaphthylene | 14.71 | 152 | 812751 | 46.739 | ng | | 99 |
| 49) Dimethylphthalate | 14.42 | 163 | 673791 | 50.255 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.55 | 165 | 147798 | 50.710 | ng | # | 73 |
| 51) Acenaphthene | 15.04 | 154 | 500104 | 44.872 | ng | | 96 |
| 52) 3-Nitroaniline | 14.89 | 138 | 142736 | 41.628 | ng | # | 79 |
| 53) 2,4-Dinitrophenol | 15.09 | 184 | 86755 | 67.191 | ng | | 89 |
| 54) Dibenzofuran | 15.38 | 168 | 766316 | 51.999 | ng | | 90 |
| 55) 4-Nitrophenol | 15.19 | 139 | 109330 | 41.770 | ng | # | 62 |
| 56) 2,4-Dinitrotoluene | 15.34 | 165 | 207785 | 51.113 | ng | # | 77 |
| 57) Fluorene | 16.03 | 166 | 688828 | 48.208 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.60 | 232 | 187510 | 64.357 | ng | # | 91 |
| 59) Diethylphthalate | 15.78 | 149 | 652562 | 43.955 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 16.01 | 204 | 382666 | 60.497 | ng | | 90 |
| 61) 4-Nitroaniline | 16.05 | 138 | 149664 | 41.897 | ng | # | 73 |
| 62) Azobenzene | 16.30 | 77 | 511713 | 39.225 | ng | | 92 |
| 64) 4,6-Dinitro-2-methylphenol | 16.10 | 198 | 138729 | 62.873 | ng | | 98 |
| 65) n-Nitrosodiphenylamine | 16.23 | 169 | 585051 | 46.835 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.91 | 248 | 252744 | 62.929 | ng | | 94 |
| 67) Hexachlorobenzene | 17.04 | 284 | 271016 | 63.716 | ng | # | 88 |
| 68) Atrazine | 17.17 | 200 | 232798 | 59.029 | ng | | 95 |
| 69) Pentachlorophenol | 17.38 | 266 | 163833 | 69.455 | ng | | 98 |
| 70) Phenanthrene | 17.78 | 178 | 1044279 | 47.106 | ng | | 96 |
| 71) Anthracene | 17.87 | 178 | 1049532 | 46.883 | ng | | 98 |
| 72) Carbazole | 18.14 | 167 | 955159 | 43.324 | ng | # | 95 |
| 73) Di-n-butylphthalate | 18.66 | 149 | 1064873 | 43.953 | ng | # | 94 |
| 74) Fluoranthene | 19.77 | 202 | 1279051 | 52.792 | ng | | 94 |
| 76) Benzidine | 19.94 | 184 | 599606 | 56.024 | ng | | 98 |
| 77) Pyrene | 20.13 | 202 | 1315403 | 43.808 | ng | | 97 |
| 79) Butylbenzylphthalate | 21.00 | 149 | 496118 | 36.686 | ng | | 91 |
| 80) Benzo(a)anthracene | 22.04 | 228 | 1369934 | 47.359 | ng | | 96 |
| 81) 3,3'-Dichlorobenzidine | 21.95 | 252 | 552392 | 52.615 | ng | | 98 |
| 82) Chrysene | 22.12 | 228 | 1293438 | 47.704 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 21.91 | 149 | 718746 | 36.370 | ng | | 97 |
| 84) Di-n-octyl phthalate | 23.22 | 149 | 1235102 | 37.829 | ng | # | 90 |
| 85) Indeno(1,2,3-cd)pyrene | 29.64 | 276 | 1547726 | 49.944 | ng | # | 93 |
| 87) Benzo(b)fluoranthene | 24.46 | 252 | 1350849 | 48.159 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 24.54 | 252 | 1336020 | 48.185 | ng | | 96 |
| 89) Benzo(a)pyrene | 25.42 | 252 | 1272045 | 48.329 | ng | | 96 |
| 90) Dibenzo(a,h)anthracene | 29.70 | 278 | 1292257 | 48.464 | ng | # | 97 |
| 91) Benzo(g,h,i)perylene | 30.91 | 276 | 1234009 | 48.156 | ng | # | 93 |

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

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