Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029275.D
Acq On : 16 Oct 2017 15:59
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** ICVBG101617

Quant Time: Oct 16 16:43:56 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 16:15:45 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 67605 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.99 | 136 | 314445 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.79 | 164 | 200425 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.53 | 188 | 447611 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.80 | 240 | 461189 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.12 | 264 | 477511 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.72 | 112 | 317221 | 78.39 | ng | | 0.00 |
| 7) Phenol-d6 | 7.33 | 99 | 452409 | 79.64 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.34 | 82 | 400150 | 80.87 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.27 | 330 | 208617 | 80.62 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.42 | 172 | 1054391 | 77.16 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.12 | 244 | 1580670 | 77.97 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.58 | 88 | 62335 | 37.964 | ng | | 85 |
| 3) Pyridine | 3.99 | 79 | 188259 | 39.372 | ng | | 92 |
| 4) n-Nitrosodimethylamine | 3.90 | 42 | 88392 | 39.547 | ng | # | 93 |
| 6) Aniline | 7.49 | 93 | 275544 | 39.173 | ng | | 95 |
| 8) 2-Chlorophenol | 7.73 | 128 | 182715 | 39.390 | ng | | 93 |
| 9) Benzaldehyde | 7.30 | 77 | 111965 | 39.188 | ng | | 93 |
| 10) Phenol | 7.35 | 94 | 240160 | 39.216 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 7.59 | 93 | 177265 | 39.729 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 8.06 | 146 | 204541 | 39.276 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.21 | 146 | 208176 | 39.152 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 8.53 | 146 | 199620 | 38.924 | ng | | 97 |
| 15) Benzyl Alcohol | 8.40 | 79 | 160378 | 40.064 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.70 | 45 | 298784 | 39.431 | ng | | 96 |
| 17) 2-Methylphenol | 8.61 | 107 | 159740 | 39.266 | ng | | 95 |
| 18) Hexachloroethane | 9.27 | 117 | 70484 | 38.899 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.98 | 70 | 151894 | 39.327 | ng | # | 96 |
| 20) 3+4-Methylphenols | 8.94 | 107 | 229078 | 39.964 | ng | | 97 |
| 22) Acetophenone | 9.00 | 105 | 298190 | 39.350 | ng | # | 95 |
| 24) Nitrobenzene | 9.38 | 77 | 225358 | 40.506 | ng | | 93 |
| 25) Isophorone | 9.91 | 82 | 414418 | 40.118 | ng | # | 94 |
| 26) 2-Nitrophenol | 10.09 | 139 | 112707 | 42.386 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 10.15 | 122 | 191187 | 39.740 | ng | | 90 |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93 | 250285 | 39.513 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 10.63 | 162 | 203985 | 39.760 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.85 | 180 | 218292 | 39.385 | ng | | 98 |
| 31) Naphthalene | 11.04 | 128 | 620599 | 39.601 | ng | | 99 |
| 32) Benzoic acid | 10.29 | 122 | 171353 | 42.537 | ng | # | 85 |
| 33) 4-Chloroaniline | 11.14 | 127 | 264030 | 40.053 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.32 | 225 | 137051 | 39.770 | ng | | 98 |
| 35) Caprolactam | 11.91 | 113 | 70077 | 41.100 | ng | # | 86 |
| 36) 4-Chloro-3-methylphenol | 12.25 | 107 | 226716 | 40.180 | ng | | 91 |
| 37) 2-Methylnaphthalene | 12.63 | 142 | 456734 | 39.989 | ng | | 93 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216 | 282215 | 38.567 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 12.98 | 237 | 102465 | 39.470 | ng | | 93 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.23 | 196 | 183197 | 39.881 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 13.30 | 196 | 186245 | 39.479 | ng | | 95 |
| 45) 1,1'-Biphenyl | 13.63 | 154 | 671882 | 39.001 | ng | | 96 |
| 46) 2-Chloronaphthalene | 13.67 | 162 | 488136 | 38.847 | ng | | 98 |
| 47) 2-Nitroaniline | 13.87 | 65 | 144464 | 41.856 | ng | # | 87 |
| 48) Acenaphthylene | 14.52 | 152 | 768087 | 39.057 | ng | | 98 |
| 49) Dimethylphthalate | 14.24 | 163 | 616503 | 39.424 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.36 | 165 | 139300 | 42.494 | ng | # | 80 |
| 51) Acenaphthene | 14.86 | 154 | 504678 | 39.442 | ng | | 96 |
| 52) 3-Nitroaniline | 14.69 | 138 | 146340 | 41.370 | ng | # | 82 |
| 53) 2,4-Dinitrophenol | 14.89 | 184 | 64791 | 39.548 | ng | # | 53 |
| 54) Dibenzofuran | 15.19 | 168 | 704758 | 38.582 | ng | | 98 |
| 55) 4-Nitrophenol | 14.99 | 139 | 122908 | 42.145 | ng | # | 80 |
| 56) 2,4-Dinitrotoluene | 15.14 | 165 | 190795 | 42.995 | ng | # | 81 |
| 57) Fluorene | 15.83 | 166 | 589102 | 39.040 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.41 | 232 | 153805 | 39.078 | ng | | 98 |
| 59) Diethylphthalate | 15.59 | 149 | 613351 | 39.357 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.82 | 204 | 317551 | 39.470 | ng | | 96 |
| 61) 4-Nitroaniline | 15.85 | 138 | 143858 | 39.606 | ng | | 86 |
| 62) Azobenzene | 16.12 | 77 | 516696 | 39.317 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 15.90 | 198 | 101829 | 40.838 | ng | | 93 |
| 65) n-Nitrosodiphenylamine | 16.03 | 169 | 531204 | 39.617 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.72 | 248 | 205674 | 40.044 | ng | | 99 |
| 67) Hexachlorobenzene | 16.84 | 284 | 227293 | 39.067 | ng | | 98 |
| 68) Atrazine | 16.97 | 200 | 189461 | 39.600 | ng | | 99 |
| 69) Pentachlorophenol | 17.17 | 266 | 140966 | 42.178 | ng | | 99 |
| 70) Phenanthrene | 17.57 | 178 | 904053 | 39.096 | ng | | 98 |
| 71) Anthracene | 17.66 | 178 | 920783 | 39.656 | ng | | 99 |
| 72) Carbazole | 17.93 | 167 | 875168 | 39.237 | ng | | 97 |
| 73) Di-n-butylphthalate | 18.47 | 149 | 1035675 | 40.372 | ng | | 99 |
| 74) Fluoranthene | 19.57 | 202 | 1066979 | 39.450 | ng | | 97 |
| 76) Benzidine | 19.74 | 184 | 537746 | 38.617 | ng | # | 96 |
| 77) Pyrene | 19.93 | 202 | 1104441 | 39.477 | ng | | 97 |
| 79) Butylbenzylphthalate | 20.80 | 149 | 472663 | 39.656 | ng | | 94 |
| 80) Benzo(a)anthracene | 21.79 | 228 | 1059603 | 39.132 | ng | | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.69 | 252 | 435938 | 39.006 | ng | | 97 |
| 82) Chrysene | 21.85 | 228 | 1011336 | 39.000 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 21.67 | 149 | 671913 | 39.280 | ng | | 98 |
| 84) Di-n-octyl phthalate | 22.92 | 149 | 1186767 | 39.808 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 28.91 | 276 | 1283792 | 40.241 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 24.07 | 252 | 1101922 | 40.308 | ng | | 100 |
| 88) Benzo(k)fluoranthene | 24.14 | 252 | 1059699 | 38.909 | ng | | 98 |
| 89) Benzo(a)pyrene | 24.96 | 252 | 1038060 | 39.498 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 28.98 | 278 | 1040506 | 39.106 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 30.11 | 276 | 970518 | 39.258 | ng | | 97 |

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

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