Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG021319\
Data File : BG039490.D
Acq On : 13 Feb 2019 15:55
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Feb 14 02:46:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 52329 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 11.00 | 136 | 234532 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.80 | 164 | 162889 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.54 | 188 | 391238 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.83 | 240 | 388093 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 25.21 | 264 | 399597 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.71 | 112 | 249978 | 81.76 | ng | | 0.00 |
| 7) Phenol-d6 | 7.31 | 99 | 381437 | 84.75 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 9.35 | 82 | 354957 | 94.55 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.28 | 330 | 156680 | 89.33 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.42 | 172 | 879736 | 77.48 | ng | | -0.01 |
| 79) Terphenyl-d14 | 20.13 | 244 | 1389719 | 75.80 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.61 | 88 | 53542 | 40.034 | ng | | 93 |
| 3) Pyridine | 4.01 | 79 | 149163 | 42.125 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.93 | 42 | 66044 | 37.295 | ng | | 89 |
| 6) Aniline | 7.49 | 93 | 228588 | 40.549 | ng | | 99 |
| 8) 2-Chlorophenol | 7.73 | 128 | 142265 | 42.567 | ng | | 98 |
| 9) Benzaldehyde | 7.31 | 77 | 94046 | 42.626 | ng | | 93 |
| 10) Phenol | 7.34 | 94 | 195542 | 41.681 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.59 | 93 | 148070 | 39.942 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 8.06 | 146 | 161067 | 39.782 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.21 | 146 | 163602 | 40.541 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.53 | 146 | 159104 | 40.727 | ng | | 97 |
| 15) Benzyl Alcohol | 8.41 | 79 | 146782 | 41.543 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69 | 45 | 288938 | 34.514 | ng | | 99 |
| 17) 2-Methylphenol | 8.60 | 107 | 123854 | 40.796 | ng | | 96 |
| 18) Hexachloroethane | 9.26 | 117 | 55720 | 40.134 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.98 | 70 | 126856 | 39.713 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.93 | 107 | 181904 | 43.510 | ng | | 98 |
| 22) Acetophenone | 9.00 | 105 | 251110 | 39.859 | ng | | 95 |
| 24) Nitrobenzene | 9.39 | 77 | 182697 | 45.046 | ng | | 99 |
| 25) Isophorone | 9.90 | 82 | 318908 | 38.333 | ng | | 98 |
| 26) 2-Nitrophenol | 10.10 | 139 | 90687 | 54.625 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 10.14 | 122 | 137627 | 40.895 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 10.39 | 93 | 207141 | 40.424 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.63 | 162 | 164508 | 44.726 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 10.85 | 180 | 171477 | 41.526 | ng | | 100 |
| 31) Naphthalene | 11.05 | 128 | 462227 | 39.727 | ng | | 99 |
| 32) Benzoic acid | 10.24 | 122 | 72986 | 35.916 | ng | | 96 |
| 33) 4-Chloroaniline | 11.15 | 127 | 223014 | 41.339 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.31 | 225 | 114776 | 41.795 | ng | | 94 |
| 35) Caprolactam | 11.95 | 113 | 67267 | 44.195 | ng | # | 85 |
| 36) 4-Chloro-3-methylphenol | 12.25 | 107 | 185492 | 43.607 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.64 | 142 | 342275 | 39.719 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.85 | 142 | 331592 | 39.918 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 215144 | 41.512 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.96 | 237 | 103633 | 36.696 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.23 | 196 | 140702 | 44.155 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 13.30 | 196 | 154166 | 46.160 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.63 | 154 | 519051 | 38.298 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.68 | 162 | 404407 | 39.665 | ng | | 99 |
| 48) 2-Nitroaniline | 13.89 | 65 | 137489 | 47.127 | ng | | 93 |
| 49) Acenaphthylene | 14.52 | 152 | 602631 | 39.172 | ng | | 99 |
| 50) Dimethylphthalate | 14.24 | 163 | 519729 | 39.506 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.37 | 165 | 115155 | 46.995 | ng | | 94 |
| 52) Acenaphthene | 14.86 | 154 | 393661 | 39.421 | ng | | 99 |
| 53) 3-Nitroaniline | 14.71 | 138 | 123211 | 46.630 | ng | # | 97 |
| 54) 2,4-Dinitrophenol | 14.91 | 184 | 22648 | 30.433 | ng | | 90 |
| 55) Dibenzofuran | 15.19 | 168 | 634118 | 39.605 | ng | | 99 |
| 56) 4-Nitrophenol | 14.99 | 139 | 90764 | 41.188 | ng | | 87 |
| 57) 2,4-Dinitrotoluene | 15.16 | 165 | 161543 | 50.755 | ng | # | 89 |
| 58) Fluorene | 15.84 | 166 | 462696 | 38.766 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.41 | 232 | 137214 | 43.879 | ng | | 97 |
| 60) Diethylphthalate | 15.60 | 149 | 518017 | 38.084 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.82 | 204 | 274708 | 40.647 | ng | | 97 |
| 62) 4-Nitroaniline | 15.87 | 138 | 125187 | 45.609 | ng | | 96 |
| 63) Azobenzene | 16.12 | 77 | 484765 | 36.463 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.91 | 198 | 59146 | 40.917 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 16.04 | 169 | 464423 | 39.040 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.72 | 248 | 179706 | 41.404 | ng | | 94 |
| 68) Hexachlorobenzene | 16.84 | 284 | 183270 | 42.086 | ng | | 95 |
| 69) Atrazine | 16.98 | 200 | 160112 | 36.830 | ng | | 97 |
| 70) Pentachlorophenol | 17.18 | 266 | 105082 | 34.720 | ng | | 99 |
| 71) Phenanthrene | 17.58 | 178 | 778002 | 38.421 | ng | | 100 |
| 72) Anthracene | 17.68 | 178 | 769187 | 38.564 | ng | | 99 |
| 73) Carbazole | 17.95 | 167 | 746543 | 37.505 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.48 | 149 | 875135 | 37.685 | ng | | 99 |
| 75) Fluoranthene | 19.58 | 202 | 902953 | 38.418 | ng | | 99 |
| 77) Benzidine | 19.76 | 184 | 369805 | 29.064 | ng | | 98 |
| 78) Pyrene | 19.95 | 202 | 941142 | 38.955 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.81 | 149 | 398995 | 39.150 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.81 | 228 | 896413 | 39.090 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.72 | 252 | 344289 | 40.490 | ng | | 98 |
| 83) Chrysene | 21.88 | 228 | 861248 | 39.453 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.68 | 149 | 560822 | 38.572 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.94 | 149 | 948720 | 39.496 | ng | | 96 |
| 86) Indeno(1,2,3-cd)pyrene | 29.11 | 276 | 975150 | 41.634 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 24.13 | 252 | 866433 | 39.759 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 24.20 | 252 | 846798 | 38.704 | ng | | 98 |
| 90) Benzo(a)pyrene | 25.05 | 252 | 844095 | 40.219 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 29.18 | 278 | 808955 | 41.158 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.33 | 276 | 792918 | 40.475 | ng | | 97 |

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

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