Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040244.D
Acq On : 30 Mar 2019 3:16
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040EC

Quant Time: Mar 30 04:12:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.06 | 152 | 53756 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.87 | 136 | 261635 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.69 | 164 | 170877 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.43 | 188 | 411587 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.72 | 240 | 385808 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.03 | 264 | 393078 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 273831 | 84.68 | ng | | -0.01 |
| 7) Phenol-d6 | 7.21 | 99 | 400341 | 89.58 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 9.23 | 82 | 391031 | 79.44 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.18 | 330 | 166543 | 90.18 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 13.31 | 172 | 927884 | 80.46 | ng | | -0.01 |
| 79) Terphenyl-d14 | 20.04 | 244 | 1368614 | 79.80 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.51 | 88 | 61463 | 40.423 | ng | | 96 |
| 3) Pyridine | 3.91 | 79 | 180879 | 44.183 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.83 | 42 | 76183 | 40.230 | ng | # | 89 |
| 6) Aniline | 7.38 | 93 | 255489 | 44.004 | ng | | 98 |
| 8) 2-Chlorophenol | 7.62 | 128 | 161727 | 42.725 | ng | | 97 |
| 9) Benzaldehyde | 7.20 | 77 | 133861 | 43.668 | ng | | 93 |
| 10) Phenol | 7.23 | 94 | 216275 | 44.587 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.48 | 93 | 167570 | 43.132 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.95 | 146 | 171081 | 41.577 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 8.09 | 146 | 173267 | 42.278 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.41 | 146 | 164347 | 41.934 | ng | | 97 |
| 15) Benzyl Alcohol | 8.30 | 79 | 153359 | 42.611 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58 | 45 | 309526 | 41.513 | ng | | 99 |
| 17) 2-Methylphenol | 8.49 | 107 | 147399 | 43.914 | ng | | 97 |
| 18) Hexachloroethane | 9.14 | 117 | 63050 | 40.445 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 8.86 | 70 | 141974 | 44.310 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.82 | 107 | 203052 | 44.655 | ng | | 97 |
| 22) Acetophenone | 8.89 | 105 | 261561 | 40.077 | ng | # | 97 |
| 24) Nitrobenzene | 9.27 | 77 | 202518 | 39.732 | ng | | 99 |
| 25) Isophorone | 9.78 | 82 | 414825 | 40.959 | ng | | 100 |
| 26) 2-Nitrophenol | 9.98 | 139 | 101819 | 42.157 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 10.03 | 122 | 158556 | 41.329 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93 | 242315 | 40.440 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.51 | 162 | 175325 | 42.103 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.72 | 180 | 184673 | 40.388 | ng | | 96 |
| 31) Naphthalene | 10.92 | 128 | 549014 | 40.939 | ng | | 99 |
| 32) Benzoic acid | 10.16 | 122 | 61453 | 26.512 | ng | | 91 |
| 33) 4-Chloroaniline | 11.04 | 127 | 240868 | 42.107 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.18 | 225 | 114239 | 39.066 | ng | | 97 |
| 35) Caprolactam | 11.82 | 113 | 73122 | 44.249 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 12.14 | 107 | 207247 | 43.292 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.52 | 142 | 420095 | 42.355 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.74 | 142 | 408831 | 42.508 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 219840 | 40.478 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.85 | 237 | 107890 | 36.180 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 13.12 | 196 | 144306 | 41.212 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 13.20 | 196 | 161179 | 42.231 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.52 | 154 | 546786 | 40.498 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.57 | 162 | 421140 | 40.664 | ng | | 98 |
| 48) 2-Nitroaniline | 13.78 | 65 | 142370 | 40.755 | ng | | 95 |
| 49) Acenaphthylene | 14.41 | 152 | 724535 | 41.262 | ng | | 100 |
| 50) Dimethylphthalate | 14.14 | 163 | 551336 | 41.226 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.27 | 165 | 127597 | 42.492 | ng | | 96 |
| 52) Acenaphthene | 14.76 | 154 | 414815 | 41.227 | ng | | 99 |
| 53) 3-Nitroaniline | 14.61 | 138 | 132140 | 41.572 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.81 | 184 | 80259 | 50.257 | ng | | 90 |
| 55) Dibenzofuran | 15.08 | 168 | 674788 | 41.737 | ng | | 100 |
| 56) 4-Nitrophenol | 14.90 | 139 | 108669 | 42.360 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 15.06 | 165 | 178372 | 42.750 | ng | | 99 |
| 58) Fluorene | 15.73 | 166 | 533049 | 41.935 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.31 | 232 | 151318 | 43.691 | ng | | 99 |
| 60) Diethylphthalate | 15.49 | 149 | 564682 | 41.263 | ng | | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.72 | 204 | 286377 | 42.148 | ng | | 98 |
| 62) 4-Nitroaniline | 15.77 | 138 | 145679 | 42.707 | ng | | 98 |
| 63) Azobenzene | 16.01 | 77 | 529518 | 41.021 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198 | 99753 | 43.139 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 15.94 | 169 | 485903 | 40.343 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.62 | 248 | 188185 | 40.629 | ng | | 95 |
| 68) Hexachlorobenzene | 16.73 | 284 | 192853 | 41.411 | ng | | 96 |
| 69) Atrazine | 16.88 | 200 | 181134 | 40.429 | ng | | 99 |
| 70) Pentachlorophenol | 17.08 | 266 | 109442 | 40.648 | ng | | 96 |
| 71) Phenanthrene | 17.48 | 178 | 883169 | 40.824 | ng | | 99 |
| 72) Anthracene | 17.57 | 178 | 877855 | 40.541 | ng | | 99 |
| 73) Carbazole | 17.84 | 167 | 820863 | 40.056 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.37 | 149 | 950953 | 39.148 | ng | | 100 |
| 75) Fluoranthene | 19.49 | 202 | 1032812 | 40.317 | ng | | 99 |
| 77) Benzidine | 19.67 | 184 | 539980 | 38.758 | ng | | 99 |
| 78) Pyrene | 19.84 | 202 | 1029520 | 40.578 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.71 | 149 | 429096 | 39.524 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.69 | 228 | 958371 | 40.329 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.61 | 252 | 365764 | 40.461 | ng | | 98 |
| 83) Chrysene | 21.77 | 228 | 951505 | 41.663 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 21.56 | 149 | 603980 | 38.918 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.79 | 149 | 1028781 | 38.908 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 28.80 | 276 | 1126998 | 40.347 | ng | # | 87 |
| 88) Benzo(b)fluoranthene | 23.95 | 252 | 1013015 | 42.094 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.03 | 252 | 918546 | 41.505 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.86 | 252 | 941197 | 41.683 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.89 | 278 | 904074 | 43.110 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.07 | 276 | 914567 | 42.435 | ng | | 97 |

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

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