Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
Data File : BG039817.D
Acq On : 8 Mar 2019 12:23
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 08 13:57:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.15 | 152 | 40823 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.97 | 136 | 196749 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.78 | 164 | 132727 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.52 | 188 | 316537 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.81 | 240 | 307201 | 20.00 | ng | | -0.02 |
| 87) Perylene-d12 | 25.18 | 264 | 316384 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.69 | 112 | 194879 | 81.44 | ng | | -0.02 |
| 7) Phenol-d6 | 7.30 | 99 | 300366 | 84.18 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 9.33 | 82 | 293586 | 80.70 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.27 | 330 | 123983 | 80.14 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 13.41 | 172 | 713329 | 76.52 | ng | | -0.01 |
| 79) Terphenyl-d14 | 20.11 | 244 | 1083522 | 77.66 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.59 | 88 | 41394 | 37.470 | ng | | 95 |
| 3) Pyridine | 3.99 | 79 | 122663 | 41.474 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.91 | 42 | 57862 | 41.240 | ng | # | 78 |
| 6) Aniline | 7.48 | 93 | 185720 | 39.730 | ng | | 96 |
| 8) 2-Chlorophenol | 7.71 | 128 | 118197 | 40.715 | ng | | 97 |
| 9) Benzaldehyde | 7.30 | 77 | 92335 | 40.119 | ng | | 98 |
| 10) Phenol | 7.33 | 94 | 162018 | 41.917 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.57 | 93 | 122083 | 40.511 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 8.04 | 146 | 127848 | 38.939 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.19 | 146 | 132487 | 39.616 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.51 | 146 | 125582 | 38.865 | ng | | 99 |
| 15) Benzyl Alcohol | 8.39 | 79 | 117239 | 41.423 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.67 | 45 | 237675 | 39.433 | ng | | 98 |
| 17) 2-Methylphenol | 8.59 | 107 | 102730 | 41.682 | ng | | 96 |
| 18) Hexachloroethane | 9.24 | 117 | 47616 | 39.681 | ng | | 100 |
| 19) n-Nitroso-di-n-propylamine | 8.96 | 70 | 102299 | 39.834 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.91 | 107 | 145369 | 42.457 | ng | | 95 |
| 22) Acetophenone | 8.98 | 105 | 200444 | 37.958 | ng | # | 94 |
| 24) Nitrobenzene | 9.38 | 77 | 149887 | 39.275 | ng | | 96 |
| 25) Isophorone | 9.89 | 82 | 292040 | 38.313 | ng | | 99 |
| 26) 2-Nitrophenol | 10.08 | 139 | 75607 | 41.033 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 10.12 | 122 | 116188 | 40.544 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.37 | 93 | 173925 | 37.547 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 10.62 | 162 | 132539 | 41.078 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.83 | 180 | 138430 | 38.128 | ng | | 97 |
| 31) Naphthalene | 11.03 | 128 | 402323 | 38.622 | ng | | 98 |
| 32) Benzoic acid | 10.25 | 122 | 69307 | 36.980 | ng | | 98 |
| 33) 4-Chloroaniline | 11.14 | 127 | 175796 | 39.798 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.29 | 225 | 92700 | 37.364 | ng | | 91 |
| 35) Caprolactam | 11.92 | 113 | 47618 | 38.635 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.24 | 107 | 147701 | 39.934 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.62 | 142 | 303446 | 38.963 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.84 | 142 | 294019 | 38.848 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216 | 172324 | 38.324 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.95 | 237 | 81077 | 33.647 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 13.22 | 196 | 108928 | 41.379 | ng | | 96 |
| 44) 2,4,5-Trichlorophenol | 13.29 | 196 | 119222 | 40.179 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.62 | 154 | 424051 | 38.845 | ng | | 95 |
| 47) 2-Chloronaphthalene | 13.66 | 162 | 316375 | 38.524 | ng | | 98 |
| 48) 2-Nitroaniline | 13.87 | 65 | 110549 | 41.887 | ng | | 98 |
| 49) Acenaphthylene | 14.51 | 152 | 525212 | 38.958 | ng | | 99 |
| 50) Dimethylphthalate | 14.23 | 163 | 425601 | 38.348 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.36 | 165 | 97247 | 41.332 | ng | | 96 |
| 52) Acenaphthene | 14.84 | 154 | 314113 | 38.711 | ng | | 99 |
| 53) 3-Nitroaniline | 14.69 | 138 | 92971 | 39.310 | ng | # | 97 |
| 54) 2,4-Dinitrophenol | 14.89 | 184 | 46266 | 34.389 | ng | | 96 |
| 55) Dibenzofuran | 15.17 | 168 | 514989 | 38.683 | ng | | 99 |
| 56) 4-Nitrophenol | 14.98 | 139 | 77993 | 36.863 | ng | | 86 |
| 57) 2,4-Dinitrotoluene | 15.14 | 165 | 137808 | 41.684 | ng | # | 86 |
| 58) Fluorene | 15.83 | 166 | 410243 | 39.198 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.40 | 232 | 117600 | 40.581 | ng | | 98 |
| 60) Diethylphthalate | 15.58 | 149 | 426538 | 38.823 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.81 | 204 | 216418 | 38.751 | ng | | 98 |
| 62) 4-Nitroaniline | 15.86 | 138 | 101145 | 39.448 | ng | | 96 |
| 63) Azobenzene | 16.10 | 77 | 391358 | 39.296 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.90 | 198 | 64268 | 34.339 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 16.03 | 169 | 364652 | 39.793 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.71 | 248 | 138918 | 39.208 | ng | | 95 |
| 68) Hexachlorobenzene | 16.82 | 284 | 144844 | 39.438 | ng | | 96 |
| 69) Atrazine | 16.97 | 200 | 141310 | 39.182 | ng | | 98 |
| 70) Pentachlorophenol | 17.17 | 266 | 83492 | 35.996 | ng | | 95 |
| 71) Phenanthrene | 17.57 | 178 | 674624 | 38.693 | ng | | 100 |
| 72) Anthracene | 17.66 | 178 | 667471 | 39.285 | ng | | 98 |
| 73) Carbazole | 17.93 | 167 | 597961 | 39.039 | ng | | 97 |
| 74) Di-n-butylphthalate | 18.46 | 149 | 715569 | 39.706 | ng | | 99 |
| 75) Fluoranthene | 19.57 | 202 | 782902 | 37.995 | ng | | 99 |
| 77) Benzidine | 19.75 | 184 | 283599 | 29.092 | ng | | 97 |
| 78) Pyrene | 19.93 | 202 | 786920 | 39.421 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.80 | 149 | 320578 | 41.451 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.79 | 228 | 756168 | 39.275 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.71 | 252 | 269683 | 38.366 | ng | | 99 |
| 83) Chrysene | 21.86 | 228 | 726627 | 38.929 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.65 | 149 | 447089 | 41.138 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.91 | 149 | 763909 | 42.452 | ng | | 95 |
| 86) Indeno(1,2,3-cd)pyrene | 29.05 | 276 | 826204 | 39.018 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 24.10 | 252 | 743439 | 39.405 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.17 | 252 | 692438 | 39.428 | ng | | 99 |
| 90) Benzo(a)pyrene | 25.03 | 252 | 698311 | 40.055 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 29.13 | 278 | 668030 | 39.086 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.29 | 276 | 655704 | 38.199 | ng | | 98 |

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

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