Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
Data File : BG045793.D
Acq On : 17 Jun 2020 17:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 17 17:48:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 44947 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.72 | 136 | 170133 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.57 | 164 | 121165 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.32 | 188 | 282911 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.58 | 240 | 264180 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.71 | 264 | 287998 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.53 | 112 | 224806 | 84.49 | ng | | 0.00 |
| 7) Phenol-d6 | 7.16 | 99 | 342200 | 84.55 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.08 | 82 | 323611 | 86.89 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.07 | 330 | 157194 | 85.93 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.19 | 172 | 710598 | 86.19 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.94 | 244 | 1188144 | 91.15 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.37 | 88 | 47957 | 39.352 | ng | | 100 |
| 3) Pyridine | 3.77 | 79 | 147112 | 40.737 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.68 | 42 | 49753 | 41.044 | ng | # | 97 |
| 6) Aniline | 7.25 | 93 | 200410 | 42.054 | ng | | 97 |
| 8) 2-Chlorophenol | 7.51 | 128 | 118519 | 41.614 | ng | | 92 |
| 9) Benzaldehyde | 7.05 | 77 | 100365 | 41.287 | ng | | 95 |
| 10) Phenol | 7.19 | 94 | 163282 | 41.637 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.34 | 93 | 123243 | 41.375 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.81 | 146 | 143058 | 42.149 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.96 | 146 | 143584 | 42.353 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 8.27 | 146 | 136051 | 41.919 | ng | | 97 |
| 15) Benzyl Alcohol | 8.18 | 79 | 132681 | 42.363 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.45 | 45 | 114431 | 40.762 | ng | | 83 |
| 17) 2-Methylphenol | 8.41 | 107 | 123790 | 42.416 | ng | | 96 |
| 18) Hexachloroethane | 9.00 | 117 | 55300 | 42.949 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 8.72 | 70 | 113870 | 42.795 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.75 | 107 | 163481 | 42.593 | ng | # | 73 |
| 22) Acetophenone | 8.74 | 105 | 197539 | 42.303 | ng | # | 99 |
| 24) Nitrobenzene | 9.12 | 77 | 168033 | 42.316 | ng | | 99 |
| 25) Isophorone | 9.65 | 82 | 310994 | 43.136 | ng | | 99 |
| 26) 2-Nitrophenol | 9.84 | 139 | 72740 | 43.970 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.93 | 122 | 108558 | 42.981 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.13 | 93 | 160726 | 42.678 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.41 | 162 | 129374 | 43.903 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.59 | 180 | 148136 | 42.464 | ng | | 98 |
| 31) Naphthalene | 10.77 | 128 | 397625 | 42.749 | ng | | 99 |
| 32) Benzoic acid | 10.13 | 122 | 76735 | 47.062 | ng | | 92 |
| 33) 4-Chloroaniline | 10.90 | 127 | 166341 | 42.705 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.07 | 225 | 108782 | 43.846 | ng | | 98 |
| 35) Caprolactam | 11.66 | 113 | 45377 | 47.586 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 12.07 | 107 | 149442 | 43.923 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.39 | 142 | 296819 | 42.854 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.61 | 142 | 280225 | 42.754 | ng | | 95 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 169230 | 42.417 | ng | | 98 |

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|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.74 | 237 | 72851 | 37.997 ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.02 | 196 | 115788 | 42.805 ng | | 92 |
| 44) 2,4,5-Trichlorophenol | 13.12 | 196 | 130565 | 42.351 ng | | 98 |
| 46) 1,1'-Biphenyl | 13.40 | 154 | 369892 | 42.640 ng | | 100 |
| 47) 2-Chloronaphthalene | 13.44 | 162 | 296376 | 42.295 ng | | 98 |
| 48) 2-Nitroaniline | 13.66 | 65 | 99661 | 42.757 ng | | 96 |
| 49) Acenaphthylene | 14.29 | 152 | 474619 | 42.286 ng | | 99 |
| 50) Dimethylphthalate | 14.03 | 163 | 412970 | 43.507 ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.15 | 165 | 93439 | 43.828 ng | | 98 |
| 52) Acenaphthene | 14.63 | 154 | 286774 | 42.152 ng | | 98 |
| 53) 3-Nitroaniline | 14.49 | 138 | 92631 | 43.500 ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.69 | 184 | 46415 | 44.161 ng | | 98 |
| 55) Dibenzofuran | 14.97 | 168 | 472534 | 42.755 ng | | 99 |
| 56) 4-Nitrophenol | 14.88 | 139 | 63309 | 43.408 ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.94 | 165 | 133479 | 43.698 ng | | 96 |
| 58) Fluorene | 15.62 | 166 | 397710 | 43.276 ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.22 | 232 | 115287 | 43.085 ng | | 97 |
| 60) Diethylphthalate | 15.39 | 149 | 426395 | 43.943 ng | | 97 |
| 61) 4-Chlorophenyl-phenylether | 15.61 | 204 | 226931 | 42.843 ng | | 98 |
| 62) 4-Nitroaniline | 15.66 | 138 | 101436 | 46.414 ng | | 96 |
| 63) Azobenzene | 15.90 | 77 | 391858 | 42.058 ng | | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.72 | 198 | 79987 | 45.749 ng | | 100 |
| 66) n-Nitrosodiphenylamine | 15.83 | 169 | 344953 | 43.048 ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.51 | 248 | 159062 | 43.270 ng | | 98 |
| 68) Hexachlorobenzene | 16.63 | 284 | 167196 | 43.862 ng | | 95 |
| 69) Atrazine | 16.78 | 200 | 138315 | 44.482 ng | | 99 |
| 70) Pentachlorophenol | 16.99 | 266 | 69389 | 41.021 ng | | 97 |
| 71) Phenanthrene | 17.36 | 178 | 633573 | 43.422 ng | | 99 |
| 72) Anthracene | 17.45 | 178 | 629863 | 43.350 ng | | 100 |
| 73) Carbazole | 17.74 | 167 | 621958 | 44.957 ng | | 98 |
| 74) Di-n-butylphthalate | 18.28 | 149 | 735552 | 44.903 ng | | 100 |
| 75) Fluoranthene | 19.37 | 202 | 778340 | 43.381 ng | | 100 |
| 77) Benzidine | 19.56 | 184 | 325293 | 47.364 ng | | 100 |
| 78) Pyrene | 19.74 | 202 | 797707 | 45.092 ng | | 99 |
| 80) Butylbenzylphthalate | 20.63 | 149 | 322652 | 43.574 ng | | 98 |
| 81) Benzo(a)anthracene | 21.56 | 228 | 740163 | 43.214 ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.48 | 252 | 280181 | 43.246 ng | | 100 |
| 83) Chrysene | 21.62 | 228 | 720008 | 43.462 ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.47 | 149 | 444442 | 43.151 ng | # | 98 |
| 85) Di-n-octyl phthalate | 22.65 | 149 | 756130 | 42.560 ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.27 | 276 | 908665 | 43.521 ng | # | 95 |
| 88) Benzo(b)fluoranthene | 23.72 | 252 | 781466 | 43.277 ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.79 | 252 | 757211 | 43.814 ng | | 99 |
| 90) Benzo(a)pyrene | 24.56 | 252 | 736955 | 43.690 ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 28.33 | 278 | 730451 | 43.628 ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.37 | 276 | 731849 | 43.672 ng | | 98 |

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

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