Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
Data File : BG043863.D
Acq On : 30 Dec 2019 12:04
Operator : JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC060

Quant Time: Dec 30 13:03:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 11:43:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.97 | 152 | 165245 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.77 | 136 | 681835 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.60 | 164 | 431527 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.34 | 188 | 838782 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.59 | 240 | 704267 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 24.72 | 264 | 814764 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.54 | 112 | 1035607 | 114.33 | ng | | 0.00 |
| 7) Phenol-d6 | 7.13 | 99 | 1430912 | 111.91 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.12 | 82 | 1413133 | 115.23 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.09 | 330 | 528272 | 116.19 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.23 | 172 | 2621808 | 108.49 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.95 | 244 | 2984187 | 94.23 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.44 | 88 | 223071 | 57.158 | ng | | 99 |
| 3) Pyridine | 3.83 | 79 | 655637 | 56.223 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.74 | 42 | 300915 | 58.291 | ng | | 96 |
| 6) Aniline | 7.29 | 93 | 951374 | 56.593 | ng | | 99 |
| 8) 2-Chlorophenol | 7.53 | 128 | 604869 | 57.011 | ng | | 99 |
| 9) Benzaldehyde | 7.10 | 77 | 389958 | 46.540 | ng | | 98 |
| 10) Phenol | 7.16 | 94 | 741213 | 56.246 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.39 | 93 | 636077 | 55.863 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.86 | 146 | 706327 | 57.000 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.00 | 146 | 695079 | 56.293 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.32 | 146 | 666996 | 56.340 | ng | | 99 |
| 15) Benzyl Alcohol | 8.20 | 79 | 578620 | 57.492 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.50 | 45 | 984642 | 55.708 | ng | | 99 |
| 17) 2-Methylphenol | 8.41 | 107 | 540926 | 56.645 | ng | | 96 |
| 18) Hexachloroethane | 9.05 | 117 | 273983 | 57.682 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.78 | 70 | 531247 | 55.634 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.74 | 107 | 757015 | 57.225 | ng | | 99 |
| 22) Acetophenone | 8.78 | 105 | 971168 | 56.903 | ng | # | 97 |
| 24) Nitrobenzene | 9.17 | 77 | 723296 | 57.602 | ng | | 100 |
| 25) Isophorone | 9.69 | 82 | 1369415 | 57.048 | ng | | 99 |
| 26) 2-Nitrophenol | 9.88 | 139 | 358336 | 61.520 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.94 | 122 | 520424 | 58.035 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.18 | 93 | 906064 | 56.730 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.41 | 162 | 628078 | 58.729 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.63 | 180 | 693267 | 58.080 | ng | | 98 |
| 31) Naphthalene | 10.82 | 128 | 1872431 | 56.687 | ng | | 97 |
| 32) Benzoic acid | 10.10 | 122 | 454517 | 65.182 | ng | | 98 |
| 33) 4-Chloroaniline | 10.92 | 127 | 900273 | 56.833 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.12 | 225 | 424741 | 58.793 | ng | | 99 |
| 35) Caprolactam | 11.70 | 113 | 231790 | 58.020 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 12.04 | 107 | 654272 | 56.799 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.43 | 142 | 1404277 | 56.328 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.64 | 142 | 1322637 | 55.891 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.80 | 216 | 722881 | 57.632 | ng | | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.78 | 237 | 402210 | 60.054 ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.03 | 196 | 513840 | 59.187 ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 13.10 | 196 | 524735 | 59.001 ng | | 98 |
| 46) 1,1'-Biphenyl | 13.43 | 154 | 1742311 | 56.241 ng | | 96 |
| 47) 2-Chloronaphthalene | 13.47 | 162 | 1419121 | 56.815 ng | | 97 |
| 48) 2-Nitroaniline | 13.67 | 65 | 470722 | 58.839 ng | | 99 |
| 49) Acenaphthylene | 14.32 | 152 | 2004301 | 55.350 ng | | 96 |
| 50) Dimethylphthalate | 14.05 | 163 | 1703247 | 55.239 ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.17 | 165 | 393577 | 56.473 ng | | 99 |
| 52) Acenaphthene | 14.66 | 154 | 1441602 | 56.984 ng | | 99 |
| 53) 3-Nitroaniline | 14.49 | 138 | 452631 | 57.438 ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.69 | 184 | 199914 | 64.787 ng | | 98 |
| 55) Dibenzofuran | 14.99 | 168 | 1922387 | 54.999 ng | | 95 |
| 56) 4-Nitrophenol | 14.80 | 139 | 354462 | 58.655 ng | | 98 |
| 57) 2,4-Dinitrotoluene | 14.95 | 165 | 546849 | 58.217 ng | | 97 |
| 58) Fluorene | 15.65 | 166 | 1513562 | 54.602 ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.22 | 232 | 450398 | 57.987 ng | | 99 |
| 60) Diethylphthalate | 15.42 | 149 | 1703066 | 55.322 ng | | 97 |
| 61) 4-Chlorophenyl-phenylether | 15.64 | 204 | 838186 | 56.233 ng | | 98 |
| 62) 4-Nitroaniline | 15.66 | 138 | 439962 | 56.924 ng | | 98 |
| 63) Azobenzene | 15.93 | 77 | 1580884 | 55.269 ng | | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 15.72 | 198 | 253449 | 63.661 ng | | 97 |
| 66) n-Nitrosodiphenylamine | 15.85 | 169 | 1406529 | 57.029 ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.53 | 248 | 544867 | 58.212 ng | | 99 |
| 68) Hexachlorobenzene | 16.66 | 284 | 584054 | 57.604 ng | | 99 |
| 69) Atrazine | 16.80 | 200 | 463643 | 57.324 ng | | 98 |
| 70) Pentachlorophenol | 16.99 | 266 | 347772 | 62.645 ng | | 99 |
| 71) Phenanthrene | 17.39 | 178 | 2243937 | 55.754 ng | | 94 |
| 72) Anthracene | 17.47 | 178 | 2209844 | 55.460 ng | | 94 |
| 73) Carbazole | 17.74 | 167 | 2041969 | 56.033 ng | | 96 |
| 74) Di-n-butylphthalate | 18.31 | 149 | 2468664 | 56.328 ng | | 96 |
| 75) Fluoranthene | 19.39 | 202 | 2442953 | 56.285 ng | | 94 |
| 77) Benzidine | 19.56 | 184 | 1137067 | 60.489 ng | | 95 |
| 78) Pyrene | 19.75 | 202 | 2435517 | 55.026 ng | | 94 |
| 80) Butylbenzylphthalate | 20.65 | 149 | 1271516 | 58.877 ng | | 99 |
| 81) Benzo(a)anthracene | 21.57 | 228 | 2426210 | 55.583 ng | | 95 |
| 82) 3,3'-Dichlorobenzidine | 21.49 | 252 | 1009747 | 58.298 ng | | 98 |
| 83) Chrysene | 21.64 | 228 | 2333453 | 56.201 ng | | 94 |
| 84) Bis(2-ethylhexyl)phthalate | 21.50 | 149 | 1718130 | 57.315 ng | | 96 |
| 85) Di-n-octyl phthalate | 22.69 | 149 | 2901919 | 57.556 ng | | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 28.28 | 276 | 3310400 | 58.509 ng | # | 85 |
| 88) Benzo(b)fluoranthene | 23.74 | 252 | 2775021 | 58.013 ng | | 97 |
| 89) Benzo(k)fluoranthene | 23.81 | 252 | 2563643 | 55.874 ng | | 96 |
| 90) Benzo(a)pyrene | 24.58 | 252 | 2605294 | 57.561 ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 28.35 | 278 | 2640671 | 57.675 ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.39 | 276 | 2625939 | 58.030 ng | | 99 |

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

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