Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062619\
Data File : BG041477.D
Acq On : 26 Jun 2019 21:20
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC100

Quant Time: Jun 27 06:52:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 05:39:03 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.03 | 152 | 24119 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.85 | 136 | 95403 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.68 | 164 | 69170 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.43 | 188 | 186491 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.71 | 240 | 198765 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 24.99 | 264 | 221015 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.57 | 112 | 251594 | 194.56 | ng | | 0.00 |
| 7) Phenol-d6 | 7.19 | 99 | 360884 | 195.97 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.22 | 82 | 414015 | 184.38 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 220537 | 198.26 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.30 | 172 | 961767 | 181.07 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.03 | 244 | 1571077 | 155.54 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.41 | 88 | 55595 | 94.532 | ng | | 97 |
| 3) Pyridine | 3.82 | 79 | 147799 | 96.493 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.75 | 42 | 82129 | 94.025 | ng | # | 94 |
| 6) Aniline | 7.36 | 93 | 232889 | 96.271 | ng | | 97 |
| 8) 2-Chlorophenol | 7.59 | 128 | 139376 | 92.137 | ng | | 95 |
| 10) Phenol | 7.22 | 94 | 184156 | 95.195 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.45 | 93 | 139096 | 88.588 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.92 | 146 | 180242 | 93.243 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.07 | 146 | 180922 | 92.176 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.39 | 146 | 173537 | 92.033 | ng | | 97 |
| 15) Benzyl Alcohol | 8.28 | 79 | 154072 | 103.306 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56 | 45 | 197660 | 91.770 | ng | | 99 |
| 17) 2-Methylphenol | 8.48 | 107 | 132165 | 94.522 | ng | | 98 |
| 18) Hexachloroethane | 9.11 | 117 | 71842 | 93.116 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.85 | 70 | 132581 | 92.844 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.81 | 107 | 180305 | 95.150 | ng | | 97 |
| 22) Acetophenone | 8.87 | 105 | 260696 | 93.096 | ng | # | 99 |
| 24) Nitrobenzene | 9.26 | 77 | 206589 | 91.699 | ng | | 96 |
| 25) Isophorone | 9.77 | 82 | 378801 | 92.837 | ng | | 99 |
| 26) 2-Nitrophenol | 9.97 | 139 | 90056 | 96.203 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 10.02 | 122 | 123896 | 91.520 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93 | 199686 | 93.668 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.51 | 162 | 170256 | 94.994 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.71 | 180 | 212462 | 94.855 | ng | | 92 |
| 31) Naphthalene | 10.91 | 128 | 478380 | 92.488 | ng | | 98 |
| 33) 4-Chloroaniline | 11.03 | 127 | 208859 | 93.985 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.17 | 225 | 166956 | 94.863 | ng | | 97 |
| 35) Caprolactam | 11.84 | 113 | 54698 | 98.684 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.14 | 107 | 186979 | 96.707 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.51 | 142 | 359922 | 93.200 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.73 | 142 | 339367 | 93.078 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 273524 | 91.920 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.83 | 237 | 163403 | 101.604 | ng | | 94 |
| 43) 2,4,6-Trichlorophenol | 13.12 | 196 | 166527 | 93.955 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.19 | 196 | 165741 | 94.969 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.51 | 154 | 498680 | 93.302 | ng | | 95 |
| 47) 2-Chloronaphthalene | 13.56 | 162 | 425655 | 91.770 | ng | | 98 |
| 48) 2-Nitroaniline | 13.78 | 65 | 148262 | 94.613 | ng | | 90 |
| 49) Acenaphthylene | 14.41 | 152 | 631403 | 91.115 | ng | | 98 |
| 50) Dimethylphthalate | 14.14 | 163 | 572841 | 92.291 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.27 | 165 | 123009 | 93.472 | ng | | 93 |
| 52) Acenaphthene | 14.74 | 154 | 376862 | 92.583 | ng | | 99 |
| 53) 3-Nitroaniline | 14.61 | 138 | 121450 | 96.120 | ng | | 96 |
| 55) Dibenzofuran | 15.08 | 168 | 648008 | 91.053 | ng | | 97 |
| 56) 4-Nitrophenol | 14.91 | 139 | 85371 | 103.254 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 15.06 | 165 | 179699 | 95.208 | ng | | 99 |
| 58) Fluorene | 15.73 | 166 | 524544 | 92.242 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.30 | 232 | 172876 | 93.363 | ng | | 99 |
| 60) Diethylphthalate | 15.48 | 149 | 581847 | 91.655 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204 | 341823 | 93.187 | ng | | 99 |
| 62) 4-Nitroaniline | 15.78 | 138 | 121287 | 97.706 | ng | | 99 |
| 63) Azobenzene | 16.01 | 77 | 490749 | 91.631 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 198 | 116840 | 99.285 | ng | | 100 |
| 66) n-Nitrosodiphenylamine | 15.93 | 169 | 464587 | 91.412 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.61 | 248 | 232225 | 93.477 | ng | | 98 |
| 68) Hexachlorobenzene | 16.72 | 284 | 248648 | 92.797 | ng | | 99 |
| 70) Pentachlorophenol | 17.07 | 266 | 120943 | 100.709 | ng | | 98 |
| 71) Phenanthrene | 17.47 | 178 | 908276 | 90.206 | ng | | 98 |
| 72) Anthracene | 17.56 | 178 | 907329 | 90.148 | ng | | 98 |
| 73) Carbazole | 17.84 | 167 | 777478 | 90.218 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.36 | 149 | 973890 | 89.963 | ng | | 98 |
| 75) Fluoranthene | 19.48 | 202 | 1192553 | 89.002 | ng | | 96 |
| 77) Benzidine | 19.67 | 184 | 357454 | 89.824 | ng | | 99 |
| 78) Pyrene | 19.84 | 202 | 1181845 | 88.134 | ng | | 96 |
| 80) Butylbenzylphthalate | 20.71 | 149 | 473183 | 92.913 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.68 | 228 | 1223653 | 90.393 | ng | | 96 |
| 82) 3,3'-Dichlorobenzidine | 21.60 | 252 | 439680 | 93.996 | ng | | 96 |
| 83) Chrysene | 21.75 | 228 | 1162184 | 89.087 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149 | 660251 | 92.755 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.77 | 149 | 1131399 | 94.317 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 28.78 | 276 | 1521154 | 97.021 | ng | # | 98 |
| 88) Benzo(b)fluoranthene | 23.94 | 252 | 1262281 | 91.621 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 24.02 | 252 | 1227192 | 90.297 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.84 | 252 | 1218488 | 93.486 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 28.85 | 278 | 1218819 | 93.459 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.98 | 276 | 1220281 | 94.041 | ng | | 100 |

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

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