Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
Data File : BG039311.D
Acq On : 29 Jan 2019 10:15
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC010

Quant Time: Jan 29 12:19:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 12:14:08 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.18 | 152 | 38155 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.01 | 136 | 171498 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.81 | 164 | 114076 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.56 | 188 | 276045 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.85 | 240 | 287980 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.25 | 264 | 282418 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.72 | 112 | 44941 | 22.34 | ng | | 0.00 |
| 7) Phenol-d6 | 7.31 | 99 | 68310 | 23.60 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.36 | 82 | 41614 | 13.28 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.29 | 330 | 20738 | 10.84 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.43 | 172 | 165224 | 19.82 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.15 | 244 | 295145 | 18.96 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.62 | 88 | 10318 | 13.100 | ng | | 95 |
| 3) Pyridine | 4.03 | 79 | 25281 | 11.812 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.95 | 42 | 12317 | 12.789 | ng | # | 89 |
| 6) Aniline | 7.51 | 93 | 41609 | 11.969 | ng | | 97 |
| 8) 2-Chlorophenol | 7.74 | 128 | 25562 | 10.781 | ng | | 99 |
| 9) Benzaldehyde | 7.32 | 77 | 23100 | 13.838 | ng | | 93 |
| 10) Phenol | 7.34 | 94 | 35788 | 12.332 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.60 | 93 | 28952 | 13.053 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 8.07 | 146 | 31422 | 11.061 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 8.22 | 146 | 32157 | 11.177 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.54 | 146 | 30726 | 11.201 | ng | | 95 |
| 15) Benzyl Alcohol | 8.42 | 79 | 26084 | 11.966 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.71 | 45 | 65992 | 15.516 | ng | | 96 |
| 17) 2-Methylphenol | 8.60 | 107 | 22213 | 11.023 | ng | # | 89 |
| 18) Hexachloroethane | 9.27 | 117 | 10524 | 10.767 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 8.99 | 70 | 24794 | 13.044 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.93 | 107 | 30740 | 10.699 | ng | | 94 |
| 22) Acetophenone | 9.01 | 105 | 46053 | 10.283 | ng | | 98 |
| 24) Nitrobenzene | 9.40 | 77 | 23700 | 7.481 | ng | | 98 |
| 25) Isophorone | 9.92 | 82 | 60725 | 11.248 | ng | | 99 |
| 26) 2-Nitrophenol | 10.11 | 139 | 7101 | 4.144 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 10.15 | 122 | 24834 | 10.302 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 10.40 | 93 | 37517 | 11.563 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.64 | 162 | 25221 | 8.422 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.87 | 180 | 29913 | 8.313 | ng | | 97 |
| 31) Naphthalene | 11.06 | 128 | 85491 | 9.939 | ng | | 98 |
| 32) Benzoic acid | 10.21 | 122 | 7408 | 5.801 | ng | | 96 |
| 33) 4-Chloroaniline | 11.16 | 127 | 40287 | 10.468 | ng | | 95 |
| 34) Hexachlorobutadiene | 11.32 | 225 | 19924 | 8.047 | ng | | 93 |
| 35) Caprolactam | 11.93 | 113 | 10792 | 8.986 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 12.26 | 107 | 29948 | 9.350 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.65 | 142 | 63779 | 9.890 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.87 | 142 | 61258 | 9.897 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216 | 35514 | 8.290 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.98 | 237 | 17877 | 8.487 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 13.24 | 196 | 20611 | 7.644 | ng | | 92 |
| 44) 2,4,5-Trichlorophenol | 13.31 | 196 | 21504 | 7.546 | ng | | 95 |
| 46) 1,1'-Biphenyl | 13.65 | 154 | 94968 | 10.506 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.69 | 162 | 71669 | 9.798 | ng | | 97 |
| 48) 2-Nitroaniline | 13.90 | 65 | 10779 | 5.260 | ng | | 98 |
| 49) Acenaphthylene | 14.54 | 152 | 111020 | 10.098 | ng | | 98 |
| 50) Dimethylphthalate | 14.25 | 163 | 93583 | 9.708 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.38 | 165 | 9797 | 4.546 | ng | | 94 |
| 52) Acenaphthene | 14.87 | 154 | 69662 | 10.546 | ng | | 92 |
| 53) 3-Nitroaniline | 14.71 | 138 | 11500 | 5.260 | ng | # | 88 |
| 54) 2,4-Dinitrophenol | 14.91 | 184 | 4068 | 3.652 | ng | # | 72 |
| 55) Dibenzofuran | 15.21 | 168 | 114636 | 9.826 | ng | | 98 |
| 56) 4-Nitrophenol | 14.99 | 139 | 9826 | 6.246 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 15.16 | 165 | 11666 | 3.773 | ng | | 95 |
| 58) Fluorene | 15.85 | 166 | 88250 | 10.049 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.42 | 232 | 20388 | 7.579 | ng | | 99 |
| 60) Diethylphthalate | 15.61 | 149 | 98485 | 9.916 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.84 | 204 | 49155 | 8.885 | ng | | 98 |
| 62) 4-Nitroaniline | 15.87 | 138 | 12708 | 5.580 | ng | | 94 |
| 63) Azobenzene | 16.13 | 77 | 96727 | 12.453 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.91 | 198 | 6166 | 3.015 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 16.05 | 169 | 86640 | 10.587 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.73 | 248 | 30785 | 8.676 | ng | | 90 |
| 68) Hexachlorobenzene | 16.85 | 284 | 29709 | 7.673 | ng | | 97 |
| 69) Atrazine | 16.99 | 200 | 33446 | 9.621 | ng | | 96 |
| 70) Pentachlorophenol | 17.19 | 266 | 17092 | 8.251 | ng | | 97 |
| 71) Phenanthrene | 17.60 | 178 | 150051 | 10.284 | ng | | 98 |
| 72) Anthracene | 17.69 | 178 | 146424 | 10.150 | ng | | 97 |
| 73) Carbazole | 17.96 | 167 | 149091 | 10.469 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.50 | 149 | 172391 | 10.881 | ng | | 99 |
| 75) Fluoranthene | 19.59 | 202 | 177948 | 9.838 | ng | | 97 |
| 77) Benzidine | 19.78 | 184 | 101414 | 11.514 | ng | | 99 |
| 78) Pyrene | 19.96 | 202 | 184646 | 10.061 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.83 | 149 | 70845 | 10.149 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.83 | 228 | 171577 | 9.787 | ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.74 | 252 | 63738 | 8.923 | ng | # | 92 |
| 83) Chrysene | 21.90 | 228 | 163724 | 9.820 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 21.72 | 149 | 106214 | 10.959 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.99 | 149 | 173259 | 10.572 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 29.14 | 276 | 165253 | 8.295 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 24.15 | 252 | 153624 | 9.865 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 24.23 | 252 | 158854 | 10.317 | ng | | 98 |
| 90) Benzo(a)pyrene | 25.08 | 252 | 148475 | 9.864 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 29.22 | 278 | 139357 | 9.308 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 30.37 | 276 | 134681 | 9.087 | ng | | 97 |

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

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