Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
Data File : BG036355.D
Acq On : 22 Aug 2018 23:10
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC025

Quant Time: Aug 23 01:16:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 01:15:05 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.07 | 152 | 48898 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.88 | 136 | 209504 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.70 | 164 | 132295 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.44 | 188 | 335813 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.71 | 240 | 356777 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.94 | 264 | 377829 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 149821 | 50.57 | ng | | 0.00 |
| 7) Phenol-d6 | 7.22 | 99 | 216293 | 49.25 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.23 | 82 | 189867 | 38.96 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.18 | 330 | 79082 | 45.35 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.33 | 172 | 467112 | 47.39 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.05 | 244 | 794173 | 49.22 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.55 | 88 | 33535 | 22.397 | ng | | 99 |
| 3) Pyridine | 3.94 | 79 | 99508 | 25.367 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.85 | 42 | 43818 | 25.766 | ng | | 98 |
| 6) Aniline | 7.39 | 93 | 135981 | 23.945 | ng | | 95 |
| 8) 2-Chlorophenol | 7.63 | 128 | 80350 | 26.395 | ng | | 97 |
| 9) Benzaldehyde | 7.21 | 77 | 75958 | 28.004 | ng | | 97 |
| 10) Phenol | 7.24 | 94 | 110984 | 24.908 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.49 | 93 | 88231 | 25.233 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.96 | 146 | 91428 | 25.103 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.11 | 146 | 93342 | 25.252 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.43 | 146 | 86217 | 24.301 | ng | | 96 |
| 15) Benzyl Alcohol | 8.30 | 79 | 85947 | 21.856 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.60 | 45 | 178930 | 50.590 | ng | | 99 |
| 17) 2-Methylphenol | 8.50 | 107 | 72850 | 24.196 | ng | | 96 |
| 18) Hexachloroethane | 9.16 | 117 | 32730 | 23.254 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.88 | 70 | 78526 | 21.537 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.83 | 107 | 101949 | 24.455 | ng | | 99 |
| 22) Acetophenone | 8.90 | 105 | 136224 | 21.274 | ng | # | 97 |
| 24) Nitrobenzene | 9.28 | 77 | 103376 | 20.847 | ng | | 99 |
| 25) Isophorone | 9.79 | 82 | 189895 | 20.844 | ng | | 98 |
| 26) 2-Nitrophenol | 9.99 | 139 | 37474 | 21.173 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 10.04 | 122 | 72751 | 23.966 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93 | 113223 | 22.269 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.52 | 162 | 82637 | 23.985 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.74 | 180 | 95555 | 22.717 | ng | | 98 |
| 31) Naphthalene | 10.93 | 128 | 260149 | 23.800 | ng | | 98 |
| 32) Benzoic acid | 10.14 | 122 | 45022 | 21.802 | ng | | 99 |
| 33) 4-Chloroaniline | 11.03 | 127 | 118096 | 24.631 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.22 | 225 | 65248 | 20.180 | ng | | 97 |
| 35) Caprolactam | 11.79 | 113 | 34008 | 22.939 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.14 | 107 | 95039 | 20.905 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.53 | 142 | 192937 | 23.819 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 115508 | 23.121 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 12.88 | 237 | 58488 | 22.440 | ng | | 93 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.13 | 196 | 71119 | 24.382 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 13.20 | 196 | 77282 | 23.555 | ng | | 98 |
| 45) 1,1'-Biphenyl | 13.54 | 154 | 274205 | 26.369 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.58 | 162 | 209195 | 25.814 | ng | | 99 |
| 47) 2-Nitroaniline | 13.77 | 65 | 66373 | 23.470 | ng | | 96 |
| 48) Acenaphthylene | 14.42 | 152 | 328761 | 24.496 | ng | | 99 |
| 49) Dimethylphthalate | 14.15 | 163 | 272966 | 23.530 | ng | | 97 |
| 50) 2,6-Dinitrotoluene | 14.27 | 165 | 54794 | 23.251 | ng | | 97 |
| 51) Acenaphthene | 14.76 | 154 | 205753 | 24.456 | ng | | 99 |
| 52) 3-Nitroaniline | 14.59 | 138 | 61686 | 25.249 | ng | | 98 |
| 53) 2,4-Dinitrophenol | 14.79 | 184 | 18401 | 18.062 | ng | # | 77 |
| 54) Dibenzofuran | 15.09 | 168 | 330843 | 24.849 | ng | | 97 |
| 55) 4-Nitrophenol | 14.88 | 139 | 48178 | 27.016 | ng | | 92 |
| 56) 2,4-Dinitrotoluene | 15.05 | 165 | 70126 | 21.077 | ng | | 99 |
| 57) Fluorene | 15.75 | 166 | 249444 | 22.603 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.31 | 232 | 73214 | 23.452 | ng | | 97 |
| 59) Diethylphthalate | 15.52 | 149 | 279060 | 23.476 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.74 | 204 | 151770 | 23.309 | ng | | 98 |
| 61) 4-Nitroaniline | 15.75 | 138 | 66621 | 26.110 | ng | | 94 |
| 62) Azobenzene | 16.03 | 77 | 282153 | 23.993 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.81 | 198 | 32650 | 17.990 | ng | | 93 |
| 65) n-Nitrosodiphenylamine | 15.95 | 169 | 245333 | 25.495 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 16.63 | 248 | 94376 | 24.152 | ng | | 93 |
| 67) Hexachlorobenzene | 16.75 | 284 | 100222 | 24.862 | ng | | 95 |
| 68) Atrazine | 16.90 | 200 | 99681 | 25.610 | ng | | 98 |
| 69) Pentachlorophenol | 17.09 | 266 | 70390 | 27.897 | ng | | 96 |
| 70) Phenanthrene | 17.48 | 178 | 433108 | 25.652 | ng | | 98 |
| 71) Anthracene | 17.57 | 178 | 430154 | 25.589 | ng | | 99 |
| 72) Carbazole | 17.84 | 167 | 438351 | 27.230 | ng | | 98 |
| 73) Di-n-butylphthalate | 18.41 | 149 | 498022 | 26.375 | ng | | 100 |
| 74) Fluoranthene | 19.49 | 202 | 544511 | 24.236 | ng | | 99 |
| 76) Benzidine | 19.67 | 184 | 272835 | 28.222 | ng | | 98 |
| 77) Pyrene | 19.85 | 202 | 553043 | 24.402 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.74 | 149 | 220168 | 26.783 | ng | | 98 |
| 80) Benzo(a)anthracene | 21.69 | 228 | 542752 | 24.392 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.60 | 252 | 220822 | 27.856 | ng | | 99 |
| 82) Chrysene | 21.76 | 228 | 514116 | 24.808 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.62 | 149 | 312313 | 27.885 | ng | | 98 |
| 84) Di-n-octyl phthalate | 22.85 | 149 | 526792 | 28.056 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 28.60 | 276 | 591990 | 25.669 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 23.91 | 252 | 519184 | 22.689 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 23.98 | 252 | 510132 | 22.933 | ng | | 100 |
| 89) Benzo(a)pyrene | 24.78 | 252 | 501223 | 23.564 | ng | | 100 |
| 90) Dibenzo(a,h)anthracene | 28.68 | 278 | 482089 | 23.143 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 29.75 | 276 | 481794 | 23.561 | ng | | 98 |

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

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