Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG033018\
Data File : BG033469.D
Acq On : 31 Mar 2018 5:36
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
Sohil
4/2/2018 5:07:21 PM

Quant Time: Mar 31 06:14:36 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.87 | 152 | 35957 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.76 | 136 | 172787 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.49 | 164 | 137102 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 18.21 | 188 | 346488 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 22.56 | 240 | 353832 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 26.33 | 264 | 391616 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.30 | 112 | 156517 | 81.62 | ng | | 0.00 |
| 7) Phenol-d6 | 7.99 | 99 | 278783 | 84.61 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 10.07 | 82 | 291485 | 77.51 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.96 | 330 | 155994 | 76.08 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 14.11 | 172 | 717800 | 75.58 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.73 | 244 | 1223905 | 73.97 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.93 | 88 | 37399 | 38.404 | ng | | 89 |
| 3) Pyridine | 4.39 | 79 | 103997 | 38.632 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 4.30 | 42 | 46807m | 42.369 | ng | | |
| 6) Aniline | 8.17 | 93 | 160369 | 41.389 | ng | | 96 |
| 8) 2-Chlorophenol | 8.42 | 128 | 89168 | 40.675 | ng | | 98 |
| 9) Benzaldehyde | 7.97 | 77 | 68783 | 32.850 | ng | | 91 |
| 10) Phenol | 8.02 | 94 | 136186 | 41.865 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 8.25 | 93 | 109502 | 41.241 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 8.75 | 146 | 108610 | 37.895 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 8.91 | 146 | 108537 | 37.813 | ng | | 92 |
| 14) 1,2-Dichlorobenzene | 9.24 | 146 | 109175 | 38.971 | ng | | 98 |
| 15) Benzyl Alcohol | 9.11 | 79 | 111922 | 43.145 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropropan | 9.39 | 45 | 175699 | 40.591 | ng | | 88 |
| 17) 2-Methylphenol | 9.31 | 107 | 94702m | 42.735 | ng | | |
| 18) Hexachloroethane | 9.99 | 117 | 43726 | 39.470 | ng | | 92 |
| 19) n-Nitroso-di-n-propylamine | 9.68 | 70 | 106153 | 43.968 | ng | | 96 |
| 20) 3+4-Methylphenols | 9.65 | 107 | 141643 | 44.892 | ng | | 91 |
| 22) Acetophenone | 9.71 | 105 | 186252 | 39.345 | ng | # | 97 |
| 24) Nitrobenzene | 10.12 | 77 | 152450 | 37.872 | ng | | 93 |
| 25) Isophorone | 10.63 | 82 | 289577 | 39.673 | ng | | 98 |
| 26) 2-Nitrophenol | 10.85 | 139 | 57106 | 37.471 | ng | # | 86 |
| 27) 2,4-Dimethylphenol | 10.88 | 122 | 87888 | 39.698 | ng | | 87 |
| 28) bis(2-Chloroethoxy)methane | 11.11 | 93 | 136267 | 37.416 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 11.39 | 162 | 109559 | 40.239 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 11.60 | 180 | 132335 | 37.410 | ng | | 97 |
| 31) Naphthalene | 11.80 | 128 | 341826 | 38.176 | ng | | 98 |
| 32) Benzoic acid | 11.01 | 122 | 67817m | 32.951 | ng | | |
| 33) 4-Chloroaniline | 11.90 | 127 | 158948 | 39.623 | ng | # | 93 |
| 34) Hexachlorobutadiene | 12.06 | 225 | 101224 | 37.839 | ng | | 97 |
| 35) Caprolactam | 12.66 | 113 | 45779 | 42.918 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 12.97 | 107 | 149184 | 42.010 | ng | | 98 |
| 37) 2-Methylnaphthalene | 13.35 | 142 | 266169 | 38.299 | ng | | 94 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.71 | 216 | 182803 | 36.809 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 13.68 | 237 | 96628 | 33.191 | ng | | 93 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.94 | 196 | 115339 | 39.974 | ng | | 93 |
| 43) 2,4,5-Trichlorophenol | 14.02 | 196 | 143557 | 42.093 | ng | | 97 |
| 45) 1,1'-Biphenyl | 14.33 | 154 | 406043 | 38.549 | ng | | 97 |
| 46) 2-Chloronaphthalene | 14.38 | 162 | 307809 | 37.900 | ng | | 94 |
| 47) 2-Nitroaniline | 14.58 | 65 | 126426 | 41.560 | ng | | 98 |
| 48) Acenaphthylene | 15.22 | 152 | 526917 | 38.868 | ng | | 97 |
| 49) Dimethylphthalate | 14.91 | 163 | 464573 | 38.936 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 15.05 | 165 | 97392 | 39.920 | ng | | 98 |
| 51) Acenaphthene | 15.55 | 154 | 335548 | 38.396 | ng | | 98 |
| 52) 3-Nitroaniline | 15.39 | 138 | 97186 | 37.997 | ng | # | 96 |
| 53) 2,4-Dinitrophenol | 15.59 | 184 | 22621 | 23.837 | ng | | 85 |
| 54) Dibenzofuran | 15.88 | 168 | 497385 | 38.531 | ng | | 91 |
| 55) 4-Nitrophenol | 15.68 | 139 | 63027 | 35.043 | ng | | 91 |
| 56) 2,4-Dinitrotoluene | 15.82 | 165 | 142303 | 39.615 | ng | | 91 |
| 57) Fluorene | 16.52 | 166 | 427111 | 38.838 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 16.09 | 232 | 128477 | 40.015 | ng | | 95 |
| 59) Diethylphthalate | 16.25 | 149 | 452841 | 39.086 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 16.49 | 204 | 239009 | 37.807 | ng | | 96 |
| 61) 4-Nitroaniline | 16.54 | 138 | 103900 | 40.113 | ng | | 88 |
| 62) Azobenzene | 16.79 | 77 | 439985 | 39.203 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 16.58 | 198 | 71037 | 34.271 | ng | | 96 |
| 65) n-Nitrosodiphenylamine | 16.71 | 169 | 397700 | 40.205 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 17.39 | 248 | 158177 | 38.872 | ng | | 96 |
| 67) Hexachlorobenzene | 17.51 | 284 | 166301 | 38.724 | ng | | 96 |
| 68) Atrazine | 17.63 | 200 | 155991 | 38.917 | ng | | 98 |
| 69) Pentachlorophenol | 17.86 | 266 | 121759 | 41.309 | ng | | 97 |
| 70) Phenanthrene | 18.26 | 178 | 699670 | 38.773 | ng | | 99 |
| 71) Anthracene | 18.35 | 178 | 713723 | 39.063 | ng | | 99 |
| 72) Carbazole | 18.61 | 167 | 637096 | 39.349 | ng | | 97 |
| 73) Di-n-butylphthalate | 19.10 | 149 | 755619 | 40.096 | ng | # | 98 |
| 74) Fluoranthene | 20.21 | 202 | 853742 | 38.232 | ng | | 97 |
| 76) Benzidine | 20.37 | 184 | 385113 | 40.135 | ng | | 98 |
| 77) Pyrene | 20.57 | 202 | 876395 | 37.138 | ng | | 98 |
| 79) Butylbenzylphthalate | 21.42 | 149 | 343730 | 39.471 | ng | | 98 |
| 80) Benzo(a)anthracene | 22.54 | 228 | 861037 | 38.216 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 22.43 | 252 | 333710 | 41.623 | ng | # | 98 |
| 82) Chrysene | 22.62 | 228 | 841863 | 38.601 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 22.36 | 149 | 488809 | 40.719 | ng | | 98 |
| 84) Di-n-octyl phthalate | 23.76 | 149 | 778759 | 42.369 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 30.71 | 276 | 967009 | 41.009 | ng | # | 77 |
| 87) Benzo(b)fluoranthene | 25.12 | 252 | 846257 | 37.403 | ng | # | 97 |
| 88) Benzo(k)fluoranthene | 25.20 | 252 | 856890 | 37.446 | ng | # | 96 |
| 89) Benzo(a)pyrene | 26.15 | 252 | 825379 | 37.987 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 30.79 | 278 | 796853 | 38.934 | ng | # | 97 |
| 91) Benzo(g,h,i)perylene | 32.10 | 276 | 782909 | 38.630 | ng | # | 95 |

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

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