Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022118\
Data File : BG032758.D
Acq On : 21 Feb 2018 12:48
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**
Sohil
2/22/2018 3:13:48 PM

Quant Time: Feb 21 13:59:51 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 21 13:32:56 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.94 | 152 | 62950 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.82 | 136 | 286130 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.55 | 164 | 158630 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 18.28 | 188 | 348454 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 22.64 | 240 | 314294 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 26.46 | 264 | 334374 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.34 | 112 | 323836 | 103.21 | ng | | 0.00 |
| 7) Phenol-d6 | 8.03 | 99 | 446020 | 103.96 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 10.13 | 82 | 299918 | 66.62 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 17.01 | 330 | 136467 | 55.87 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 14.18 | 172 | 882710 | 69.59 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.80 | 244 | 1104476 | 80.09 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.98 | 88 | 68069 | 51.862 | ng | | 88 |
| 3) Pyridine | 4.44 | 79 | 195867 | 58.180 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 4.34 | 42 | 76980 | 48.663 | ng | # | 95 |
| 6) Aniline | 8.22 | 93 | 297221 | 58.616 | ng | | 97 |
| 8) 2-Chlorophenol | 8.48 | 128 | 175234 | 48.569 | ng | | 94 |
| 9) Benzaldehyde | 8.03 | 77 | 123111 | 48.555 | ng | | 95 |
| 10) Phenol | 8.05 | 94 | 221986 | 53.201 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 8.31 | 93 | 181065 | 54.128 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 8.82 | 146 | 202419 | 39.780 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.97 | 146 | 204428 | 40.664 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 9.31 | 146 | 193764 | 38.215 | ng | | 96 |
| 15) Benzyl Alcohol | 9.17 | 79 | 161160 | 50.117 | ng | | 90 |
| 16) 2,2'-oxybis(1-Chloropropan | 9.47 | 45 | 309570 | 85.988 | ng | | 97 |
| 17) 2-Methylphenol | 9.36 | 107 | 164431 | 55.645 | ng | | 95 |
| 18) Hexachloroethane | 10.06 | 117 | 69614 | 37.924 | ng | # | 86 |
| 19) n-Nitroso-di-n-propylamine | 9.75 | 70 | 153374 | 53.177 | ng | # | 98 |
| 20) 3+4-Methylphenols | 9.69 | 107 | 226162 | 50.639 | ng | | 94 |
| 22) Acetophenone | 9.78 | 105 | 289823 | 47.626 | ng | # | 93 |
| 24) Nitrobenzene | 10.18 | 77 | 170337 | 36.136 | ng | | 92 |
| 25) Isophorone | 10.70 | 82 | 397927 | 46.359 | ng | # | 94 |
| 26) 2-Nitrophenol | 10.90 | 139 | 56110 | 22.256 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 10.93 | 122 | 170971 | 51.617 | ng | | 90 |
| 28) bis(2-Chloroethoxy)methane | 11.18 | 93 | 233184 | 53.142 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 11.44 | 162 | 158597 | 32.714 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 11.67 | 180 | 185946 | 27.359 | ng | | 97 |
| 31) Naphthalene | 11.87 | 128 | 594753 | 42.808 | ng | | 99 |
| 32) Benzoic acid | 11.05 | 122 | 92913 | 38.489 | ng | # | 82 |
| 33) 4-Chloroaniline | 11.96 | 127 | 266083 | 48.267 | ng | | 95 |
| 34) Hexachlorobutadiene | 12.14 | 225 | 104503 | 18.761 | ng | | 97 |
| 35) Caprolactam | 12.70 | 113 | 65298 | 47.431 | ng | # | 82 |
| 36) 4-Chloro-3-methylphenol | 13.01 | 107 | 187672 | 43.037 | ng | | 91 |
| 37) 2-Methylnaphthalene | 13.42 | 142 | 430350 | 38.187 | ng | | 94 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.77 | 216 | 187716 | 25.055 | ng | # | 96 |
| 40) Hexachlorocyclopentadiene | 13.75 | 237 | 97644 | 20.594 | ng | | 93 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.99 | 196 | 119597 | 31.982 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 14.06 | 196 | 139276 | 29.887 | ng | | 97 |
| 45) 1,1'-Biphenyl | 14.39 | 154 | 554520 | 42.484 | ng | | 95 |
| 46) 2-Chloronaphthalene | 14.45 | 162 | 416237 | 40.300 | ng | | 98 |
| 47) 2-Nitroaniline | 14.62 | 65 | 89400 | 39.792 | ng | # | 88 |
| 48) Acenaphthylene | 15.28 | 152 | 683856 | 45.004 | ng | | 98 |
| 49) Dimethylphthalate | 14.98 | 163 | 539811 | 39.368 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 15.10 | 165 | 78615 | 27.839 | ng | | 97 |
| 51) Acenaphthene | 15.61 | 154 | 424070 | 40.866 | ng | | 98 |
| 52) 3-Nitroaniline | 15.43 | 138 | 99017 | 39.706 | ng | | 95 |
| 53) 2,4-Dinitrophenol | 15.62 | 184 | 21396 | 19.459 | ng | # | 1 |
| 54) Dibenzofuran | 15.94 | 168 | 599264 | 38.814 | ng | | 96 |
| 55) 4-Nitrophenol | 15.69 | 139 | 75410 | 46.560 | ng | # | 81 |
| 56) 2,4-Dinitrotoluene | 15.87 | 165 | 89825 | 23.085 | ng | | 91 |
| 57) Fluorene | 16.59 | 166 | 493762 | 38.888 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 16.14 | 232 | 108781m | 24.793 | ng | | |
| 59) Diethylphthalate | 16.31 | 149 | 569174 | 42.661 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 16.56 | 204 | 240909 | 28.737 | ng | | 94 |
| 61) 4-Nitroaniline | 16.58 | 138 | 110086 | 42.817 | ng | | 89 |
| 62) Azobenzene | 16.86 | 77 | 507867 | 59.248 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 16.63 | 198 | 35611 | 15.210 | ng | | 95 |
| 65) n-Nitrosodiphenylamine | 16.77 | 169 | 454759 | 44.499 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 17.45 | 248 | 144847 | 29.046 | ng | # | 90 |
| 67) Hexachlorobenzene | 17.58 | 284 | 156181 | 29.159 | ng | # | 94 |
| 68) Atrazine | 17.69 | 200 | 150677 | 34.375 | ng | | 95 |
| 69) Pentachlorophenol | 17.91 | 266 | 100906 | 30.773 | ng | | 98 |
| 70) Phenanthrene | 18.32 | 178 | 774384 | 41.370 | ng | | 99 |
| 71) Anthracene | 18.41 | 178 | 780120 | 40.732 | ng | | 99 |
| 72) Carbazole | 18.66 | 167 | 770592 | 47.189 | ng | | 98 |
| 73) Di-n-butylphthalate | 19.17 | 149 | 960946 | 52.264 | ng | | 98 |
| 74) Fluoranthene | 20.27 | 202 | 855829 | 34.248 | ng | | 94 |
| 76) Benzidine | 20.42 | 184 | 417017 | 56.347 | ng | | 98 |
| 77) Pyrene | 20.63 | 202 | 879233 | 47.022 | ng | | 97 |
| 79) Butylbenzylphthalate | 21.50 | 149 | 411298 | 66.774 | ng | | 91 |
| 80) Benzo(a)anthracene | 22.62 | 228 | 805493 | 40.933 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 22.50 | 252 | 306781 | 41.744 | ng | # | 96 |
| 82) Chrysene | 22.69 | 228 | 768585 | 39.610 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 22.47 | 149 | 613672 | 69.089 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 23.92 | 149 | 957972 | 68.742 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 30.92 | 276 | 923828 | 40.191 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 25.24 | 252 | 808430 | 40.570 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 25.32 | 252 | 784606 | 38.045 | ng | # | 96 |
| 89) Benzo(a)pyrene | 26.28 | 252 | 759069 | 39.101 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 31.02 | 278 | 773381 | 40.016 | ng | # | 94 |
| 91) Benzo(g,h,i)perylene | 32.32 | 276 | 758631 | 40.606 | ng | # | 91 |

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

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