Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037374.D
Acq On : 17 Oct 2018 00:39
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
Sohil
10/17/2018 2:59:42 PM

Quant Time: Oct 17 02:16:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.11 | 152 | 66765 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.94 | 136 | 307235 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.74 | 164 | 202046 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.49 | 188 | 477466 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.78 | 240 | 434450 | 20.00 | ng | | -0.02 |
| 87) Perylene-d12 | 25.12 | 264 | 465223 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.65 | 112 | 320354 | 84.44 | ng | | 0.00 |
| 7) Phenol-d6 | 7.25 | 99 | 481469 | 83.61 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.29 | 82 | 437672 | 93.66 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.23 | 330 | 184297 | 93.01 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 13.37 | 172 | 1039335 | 77.25 | ng | | -0.01 |
| 79) Terphenyl-d14 | 20.09 | 244 | 1580683 | 76.40 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.53 | 88 | 80381 | 37.726 | ng | | 99 |
| 3) Pyridine | 3.94 | 79 | 203906 | 40.308 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.86 | 42 | 74857 | 38.105 | ng | # | 93 |
| 6) Aniline | 7.44 | 93 | 292632 | 38.822 | ng | | 97 |
| 8) 2-Chlorophenol | 7.67 | 128 | 182819 | 41.176 | ng | | 98 |
| 9) Benzaldehyde | 7.25 | 77 | 152945 | 38.579 | ng | | 97 |
| 10) Phenol | 7.28 | 94 | 252610 | 41.654 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.53 | 93 | 192931 | 38.941 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 8.00 | 146 | 206858 | 39.631 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.15 | 146 | 208329 | 39.423 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.47 | 146 | 196742 | 38.420 | ng | | 98 |
| 15) Benzyl Alcohol | 8.35 | 79 | 182255 | 40.464 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.63 | 45 | 350198 | 35.754 | ng | | 97 |
| 17) 2-Methylphenol | 8.54 | 107 | 165844 | 40.832 | ng | | 96 |
| 18) Hexachloroethane | 9.20 | 117 | 72279 | 40.074 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 8.92 | 70 | 166629 | 38.222 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.87 | 107 | 240715 | 42.386 | ng | | 98 |
| 22) Acetophenone | 8.95 | 105 | 302496 | 39.058 | ng | # | 98 |
| 24) Nitrobenzene | 9.33 | 77 | 229591 | 45.869 | ng | | 94 |
| 25) Isophorone | 9.85 | 82 | 410785 | 38.506 | ng | | 96 |
| 26) 2-Nitrophenol | 10.04 | 139 | 104772 | 54.203 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 10.09 | 122 | 182195 | 40.859 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93 | 265135 | 39.724 | ng | | 94 |
| 29) 2,4-Dichlorophenol | 10.57 | 162 | 204997 | 45.289 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.79 | 180 | 218317 | 39.636 | ng | | 97 |
| 31) Naphthalene | 10.98 | 128 | 596241 | 39.932 | ng | | 99 |
| 32) Benzoic acid | 10.21 | 122 | 130247 | 52.899 | ng | | 97 |
| 33) 4-Chloroaniline | 11.10 | 127 | 281036 | 40.123 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.25 | 225 | 130102 | 38.036 | ng | | 98 |
| 35) Caprolactam | 11.89 | 113 | 87739 | 47.548 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.19 | 107 | 232705 | 43.531 | ng | | 100 |
| 37) 2-Methylnaphthalene | 12.58 | 142 | 438187 | 40.213 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.80 | 142 | 424905 | 39.925 | ng | | 96 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 257591 | 39.368 | ng | | 99 |

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**Instrument :**
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.91 | 237 | 119492 | 44.299 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.18 | 196 | 179291 | 47.235 | ng | | 100 |
| 44) 2,4,5-Trichlorophenol | 13.25 | 196 | 191001 | 46.768 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.58 | 154 | 660447 | 39.737 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.63 | 162 | 500546 | 39.870 | ng | | 98 |
| 48) 2-Nitroaniline | 13.83 | 65 | 157133 | 46.411 | ng | | 93 |
| 49) Acenaphthylene | 14.47 | 152 | 761541 | 39.653 | ng | | 100 |
| 50) Dimethylphthalate | 14.20 | 163 | 629862 | 39.668 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.33 | 165 | 141065 | 45.964 | ng | | 94 |
| 52) Acenaphthene | 14.81 | 154 | 465726 | 39.259 | ng | | 99 |
| 53) 3-Nitroaniline | 14.66 | 138 | 156280 | 47.042 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.86 | 184 | 35237 | 44.350 | ng | | 94 |
| 55) Dibenzofuran | 15.14 | 168 | 757471 | 39.351 | ng | | 100 |
| 56) 4-Nitrophenol | 14.94 | 139 | 117670 | 45.439 | ng | | 100 |
| 57) 2,4-Dinitrotoluene | 15.10 | 165 | 193406 | 49.374 | ng | | 96 |
| 58) Fluorene | 15.79 | 166 | 568596 | 39.058 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.36 | 232 | 165503 | 45.773 | ng | | 100 |
| 60) Diethylphthalate | 15.55 | 149 | 648883 | 39.433 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.78 | 204 | 332754 | 39.104 | ng | | 99 |
| 62) 4-Nitroaniline | 15.82 | 138 | 161071 | 46.193 | ng | | 93 |
| 63) Azobenzene | 16.07 | 77 | 604951 | 38.344 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198 | 80343 | 53.046 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 16.00 | 169 | 567613 | 40.481 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.68 | 248 | 208666 | 40.494 | ng | | 98 |
| 68) Hexachlorobenzene | 16.78 | 284 | 214204 | 40.092 | ng | | 99 |
| 69) Atrazine | 16.94 | 200 | 216239 | 41.493 | ng | | 99 |
| 70) Pentachlorophenol | 17.13 | 266 | 145605 | 42.240 | ng | | 94 |
| 71) Phenanthrene | 17.54 | 178 | 952978 | 39.209 | ng | | 99 |
| 72) Anthracene | 17.62 | 178 | 941338 | 39.569 | ng | | 97 |
| 73) Carbazole | 17.90 | 167 | 963854 | 39.323 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.43 | 149 | 1092081 | 41.569 | ng | | 99 |
| 75) Fluoranthene | 19.54 | 202 | 1097837 | 38.647 | ng | | 99 |
| 77) Benzidine | 19.72 | 184 | 551871 | 33.205 | ng | | 99 |
| 78) Pyrene | 19.90 | 202 | 1125875 | 39.763 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.77 | 149 | 494415 | 44.880 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.76 | 228 | 1024592 | 39.378 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.67 | 252 | 406822 | 40.532 | ng | | 99 |
| 83) Chrysene | 21.83 | 228 | 983110 | 39.609 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.64 | 149 | 692278 | 43.762 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.89 | 149 | 1132878 | 44.122 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 28.96 | 276 | 1120264 | 40.720 | ng | # | 97 |
| 88) Benzo(b)fluoranthene | 24.05 | 252 | 1018642 | 40.273 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.12 | 252 | 987853m | 39.580 | ng | | |
| 90) Benzo(a)pyrene | 24.96 | 252 | 975550 | 40.223 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 29.03 | 278 | 916714 | 39.503 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.16 | 276 | 926160 | 39.960 | ng | | 99 |

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

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