Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038637.D
Acq On : 16 Dec 2018 12:46
Operator : JU/SJ
Sample : PB115713BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115713BS

Manual Integrations APPROVED
Sohil
12/17/2018 4:14:01 PM

Quant Time: Dec 17 05:58:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.05 | 152 | 22007 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.87 | 136 | 86550 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.69 | 164 | 54214 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.44 | 188 | 136892 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.73 | 240 | 147204 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.02 | 264 | 158295 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 175955 | 141.81 | ng | | 0.00 |
| 7) Phenol-d6 | 7.21 | 99 | 230814 | 135.51 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.24 | 82 | 121723 | 71.85 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.19 | 330 | 102975 | 137.82 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.32 | 172 | 274045 | 69.35 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.05 | 244 | 559669 | 82.74 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.49 | 88 | 19984 | 34.606 | ng | | 92 |
| 3) Pyridine | 3.89 | 79 | 55620 | 34.983 | ng | | 91 |
| 4) n-Nitrosodimethylamine | 3.82 | 42 | 37865 | 48.606 | ng | # | 86 |
| 6) Aniline | 7.38 | 93 | 69303 | 31.872 | ng | | 97 |
| 8) 2-Chlorophenol | 7.62 | 128 | 62230 | 43.340 | ng | | 98 |
| 9) Benzaldehyde | 7.20 | 77 | 21253 | 19.234 | ng | | 95 |
| 10) Phenol | 7.24 | 94 | 77674 | 42.923 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.48 | 93 | 55169 | 38.292 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.94 | 146 | 66362 | 39.089 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.10 | 146 | 66396 | 38.186 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.41 | 146 | 63185 | 38.546 | ng | | 96 |
| 15) Benzyl Alcohol | 8.30 | 79 | 56014 | 42.131 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58 | 45 | 123760 | 37.498 | ng | | 98 |
| 17) 2-Methylphenol | 8.50 | 107 | 53326 | 43.983 | ng | | 97 |
| 18) Hexachloroethane | 9.14 | 117 | 23890 | 37.600 | ng | | 91 |
| 19) n-Nitroso-di-n-propylamine | 8.86 | 70 | 44977 | 37.596 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.82 | 107 | 72201 | 43.120 | ng | | 97 |
| 22) Acetophenone | 8.89 | 105 | 89550 | 41.423 | ng | | 98 |
| 24) Nitrobenzene | 9.28 | 77 | 70476 | 41.121 | ng | | 99 |
| 25) Isophorone | 9.79 | 82 | 126269 | 41.482 | ng | # | 98 |
| 26) 2-Nitrophenol | 9.99 | 139 | 35394 | 40.349 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 10.03 | 122 | 60672 | 48.261 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93 | 71065 | 41.370 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.52 | 162 | 63389 | 45.324 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.73 | 180 | 68029 | 40.270 | ng | | 100 |
| 31) Naphthalene | 10.93 | 128 | 185880 | 43.589 | ng | | 98 |
| 32) Benzoic acid | 10.19 | 122 | 24431m | 34.281 | ng | | |
| 33) 4-Chloroaniline | 11.05 | 127 | 41397 | 22.360 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.19 | 225 | 45718 | 39.995 | ng | | 95 |
| 35) Caprolactam | 11.83 | 113 | 20500m | 35.419 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.15 | 107 | 66276 | 41.526 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.53 | 142 | 136151 | 44.753 | ng | | 95 |
| 38) 1-Methylnaphthalene | 12.75 | 142 | 128967 | 43.686 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 80087 | 39.520 | ng | | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.85 | 237 | 109752 | 98.578 ng | | 93 |
| 43) 2,4,6-Trichlorophenol | 13.13 | 196 | 53410 | 42.864 ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 13.20 | 196 | 62073 | 47.052 ng | | 97 |
| 46) 1,1'-Biphenyl | 13.53 | 154 | 177406 | 39.034 ng | | 97 |
| 47) 2-Chloronaphthalene | 13.58 | 162 | 145542 | 41.457 ng | | 97 |
| 48) 2-Nitroaniline | 13.79 | 65 | 48390 | 43.273 ng | | 98 |
| 49) Acenaphthylene | 14.42 | 152 | 230157 | 43.853 ng | | 98 |
| 50) Dimethylphthalate | 14.15 | 163 | 186179 | 42.052 ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.28 | 165 | 41704 | 41.567 ng | | 97 |
| 52) Acenaphthene | 14.76 | 154 | 128461 | 40.933 ng | | 98 |
| 53) 3-Nitroaniline | 14.61 | 138 | 30433 | 29.756 ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.82 | 184 | 47254 | 79.211 ng | | 98 |
| 55) Dibenzofuran | 15.09 | 168 | 219051 | 40.719 ng | | 99 |
| 56) 4-Nitrophenol | 14.91 | 139 | 67484 | 86.977 ng | | 98 |
| 57) 2,4-Dinitrotoluene | 15.06 | 165 | 59932 | 42.411 ng | | 98 |
| 58) Fluorene | 15.74 | 166 | 174993 | 43.906 ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.32 | 232 | 54270 | 45.724 ng | | 99 |
| 60) Diethylphthalate | 15.50 | 149 | 192322 | 39.571 ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204 | 99190 | 39.887 ng | | 99 |
| 62) 4-Nitroaniline | 15.77 | 138 | 44831 | 42.577 ng | | 96 |
| 63) Azobenzene | 16.02 | 77 | 167481 | 41.250 ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 198 | 37285 | 38.181 ng | | 93 |
| 66) n-Nitrosodiphenylamine | 15.95 | 169 | 161632 | 40.185 ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.63 | 248 | 65122 | 38.952 ng | | 98 |
| 68) Hexachlorobenzene | 16.74 | 284 | 67454 | 38.922 ng | | 96 |
| 69) Atrazine | 16.89 | 200 | 68762 | 46.066 ng | | 99 |
| 70) Pentachlorophenol | 17.09 | 266 | 77163 | 75.275 ng | | 94 |
| 71) Phenanthrene | 17.49 | 178 | 313386 | 44.147 ng | | 99 |
| 72) Anthracene | 17.58 | 178 | 321366 | 45.857 ng | | 99 |
| 73) Carbazole | 17.85 | 167 | 290258 | 41.880 ng | | 98 |
| 74) Di-n-butylphthalate | 18.38 | 149 | 353716 | 44.478 ng | | 99 |
| 75) Fluoranthene | 19.49 | 202 | 405208 | 46.135 ng | | 97 |
| 77) Benzidine | 19.68 | 184 | 194892 | 44.768 ng | | 98 |
| 78) Pyrene | 19.86 | 202 | 409232 | 42.082 ng | | 98 |
| 80) Butylbenzylphthalate | 20.72 | 149 | 160388 | 42.215 ng | | 97 |
| 81) Benzo(a)anthracene | 21.70 | 228 | 399862 | 44.578 ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.62 | 252 | 105091 | 29.541 ng | | 95 |
| 83) Chrysene | 21.77 | 228 | 369514 | 42.769 ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149 | 227107 | 42.147 ng | | 100 |
| 85) Di-n-octyl phthalate | 22.80 | 149 | 390309 | 43.251 ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 28.80 | 276 | 456178 | 44.911 ng | # | 97 |
| 88) Benzo(b)fluoranthene | 23.97 | 252 | 397612 | 45.750 ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.04 | 252 | 386397 | 44.647 ng | | 97 |
| 90) Benzo(a)pyrene | 24.86 | 252 | 386948 | 46.150 ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 28.87 | 278 | 375759 | 45.010 ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.99 | 276 | 373618 | 45.412 ng | | 97 |

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

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