Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
Data File : BG036878.D
Acq On : 22 Sep 2018 3:50
Operator : JU/SJ
Sample : PB113112BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113112BS

Manual Integrations APPROVED
Sohil
9/24/2018 9:29:51 AM

Quant Time: Sep 22 05:19:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.05 | 152 | 43477 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.85 | 136 | 193452 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.68 | 164 | 135357 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.42 | 188 | 353094 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.69 | 240 | 359702 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.90 | 264 | 376148 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.62 | 112 | 418561 | 184.63 | ng | | 0.00 |
| 7) Phenol-d6 | 7.21 | 99 | 597904 | 170.46 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.21 | 82 | 364002 | 100.76 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.16 | 330 | 271637 | 167.73 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.30 | 172 | 887510 | 97.66 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.03 | 244 | 1521191 | 111.20 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.52 | 88 | 41172 | 39.689 | ng | | 96 |
| 3) Pyridine | 3.92 | 79 | 115309 | 38.497 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.84 | 42 | 61451 | 46.159 | ng | # | 98 |
| 6) Aniline | 7.37 | 93 | 171461 | 37.674 | ng | | 99 |
| 8) 2-Chlorophenol | 7.61 | 128 | 142223 | 54.030 | ng | | 99 |
| 9) Benzaldehyde | 7.19 | 77 | 99648 | 42.994 | ng | | 94 |
| 10) Phenol | 7.24 | 94 | 197032 | 54.430 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.47 | 93 | 138279 | 41.296 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 7.94 | 146 | 136601 | 42.328 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.08 | 146 | 139078 | 42.112 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.40 | 146 | 134633 | 42.067 | ng | | 98 |
| 15) Benzyl Alcohol | 8.28 | 79 | 134960 | 47.421 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57 | 45 | 265152 | 41.246 | ng | | 98 |
| 17) 2-Methylphenol | 8.49 | 107 | 129792 | 51.474 | ng | | 97 |
| 18) Hexachloroethane | 9.13 | 117 | 51840 | 42.655 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.85 | 70 | 122089 | 41.842 | ng | | 93 |
| 20) 3+4-Methylphenols | 8.82 | 107 | 181231 | 51.664 | ng | | 96 |
| 22) Acetophenone | 8.87 | 105 | 214596 | 47.205 | ng | # | 99 |
| 24) Nitrobenzene | 9.25 | 77 | 177995 | 46.139 | ng | | 97 |
| 25) Isophorone | 9.77 | 82 | 348149 | 52.744 | ng | | 99 |
| 26) 2-Nitrophenol | 9.96 | 139 | 77992 | 50.720 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 10.02 | 122 | 142416 | 59.457 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.25 | 93 | 201101 | 49.374 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.50 | 162 | 158686 | 57.150 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.72 | 180 | 155034 | 44.616 | ng | | 98 |
| 31) Naphthalene | 10.90 | 128 | 447077 | 48.571 | ng | | 100 |
| 32) Benzoic acid | 10.16 | 122 | 59724m | 34.418 | ng | | |
| 33) 4-Chloroaniline | 11.02 | 127 | 94236 | 22.517 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.19 | 225 | 102749 | 42.758 | ng | | 98 |
| 35) Caprolactam | 11.79 | 113 | 62517m | 54.703 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.13 | 107 | 180841 | 54.583 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.50 | 142 | 359476 | 51.278 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 207184 | 43.886 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.85 | 237 | 269773 | 111.108 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.11 | 196 | 138733 | 52.919 | ng | | 96 |
| 43) 2,4,5-Trichlorophenol | 13.18 | 196 | 156507 | 55.987 | ng | | 97 |
| 45) 1,1'-Biphenyl | 13.51 | 154 | 482793 | 46.573 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.55 | 162 | 371038 | 45.513 | ng | | 99 |
| 47) 2-Nitroaniline | 13.75 | 65 | 136222 | 48.310 | ng | | 97 |
| 48) Acenaphthylene | 14.40 | 152 | 636448 | 49.821 | ng | | 99 |
| 49) Dimethylphthalate | 14.13 | 163 | 519691 | 47.699 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.25 | 165 | 116535 | 49.023 | ng | | 95 |
| 51) Acenaphthene | 14.74 | 154 | 363001 | 47.016 | ng | | 98 |
| 52) 3-Nitroaniline | 14.58 | 138 | 71507 | 28.546 | ng | | 94 |
| 53) 2,4-Dinitrophenol | 14.79 | 184 | 60306 | 56.605 | ng | | 97 |
| 54) Dibenzofuran | 15.08 | 168 | 608169 | 46.569 | ng | | 98 |
| 55) 4-Nitrophenol | 14.89 | 139 | 181850 | 113.638 | ng | | 99 |
| 56) 2,4-Dinitrotoluene | 15.04 | 165 | 166228 | 50.113 | ng | | 93 |
| 57) Fluorene | 15.72 | 166 | 490779 | 50.279 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.30 | 232 | 154770 | 54.577 | ng | | 97 |
| 59) Diethylphthalate | 15.49 | 149 | 516399 | 46.992 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.71 | 204 | 278674 | 45.081 | ng | | 99 |
| 61) 4-Nitroaniline | 15.75 | 138 | 124002 | 47.062 | ng | | 94 |
| 62) Azobenzene | 16.00 | 77 | 509503 | 48.253 | ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198 | 66237 | 35.881 | ng | | 97 |
| 65) n-Nitrosodiphenylamine | 15.93 | 169 | 452595 | 46.430 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 16.61 | 248 | 185200 | 46.113 | ng | | 98 |
| 67) Hexachlorobenzene | 16.73 | 284 | 186292 | 45.037 | ng | | 95 |
| 68) Atrazine | 16.87 | 200 | 197221 | 49.967 | ng | | 99 |
| 69) Pentachlorophenol | 17.07 | 266 | 210902 | 80.981 | ng | | 99 |
| 70) Phenanthrene | 17.46 | 178 | 834412 | 49.039 | ng | | 98 |
| 71) Anthracene | 17.56 | 178 | 855507 | 50.847 | ng | | 100 |
| 72) Carbazole | 17.83 | 167 | 764797 | 46.621 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.38 | 149 | 879196 | 48.260 | ng | | 99 |
| 74) Fluoranthene | 19.47 | 202 | 1042057 | 50.877 | ng | | 99 |
| 76) Benzidine | 19.65 | 184 | 479569 | 44.104 | ng | | 99 |
| 77) Pyrene | 19.83 | 202 | 1037507 | 48.066 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.71 | 149 | 411438 | 47.821 | ng | | 96 |
| 80) Benzo(a)anthracene | 21.67 | 228 | 1034934 | 49.289 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.59 | 252 | 237381 | 29.701 | ng | | 98 |
| 82) Chrysene | 21.74 | 228 | 962195 | 47.427 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.57 | 149 | 561384 | 46.708 | ng | | 99 |
| 84) Di-n-octyl phthalate | 22.78 | 149 | 953944 | 48.205 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 28.56 | 276 | 1172621 | 53.825 | ng | # | 94 |
| 87) Benzo(b)fluoranthene | 23.88 | 252 | 1044213 | 52.091 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 23.95 | 252 | 969283 | 48.196 | ng | | 98 |
| 89) Benzo(a)pyrene | 24.75 | 252 | 993344 | 51.257 | ng | | 100 |
| 90) Dibenzo(a,h)anthracene | 28.62 | 278 | 949194 | 52.260 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 29.71 | 276 | 972253 | 53.337 | ng | | 97 |

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

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