Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
Data File : BG038329.D
Acq On : 4 Dec 2018 14:41
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC060

**Manual Integrations APPROVED**
mohammad
12/6/2018 10:32:52 AM

Quant Time: Dec 04 15:20:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 13:58:38 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.07 | 152 | 39725 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.89 | 136 | 180428 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.71 | 164 | 104773 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.46 | 188 | 284124 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.75 | 240 | 212723 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.05 | 264 | 233107 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.62 | 112 | 283173 | 123.08 | ng | | 0.00 |
| 7) Phenol-d6 | 7.23 | 99 | 400086 | 121.82 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.25 | 82 | 398853 | 118.33 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.21 | 330 | 160646 | 134.44 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.33 | 172 | 859743 | 119.55 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.06 | 244 | 1151321 | 127.35 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.51 | 88 | 63795 | 58.702 | ng | | 98 |
| 3) Pyridine | 3.91 | 79 | 211773 | 68.312 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.83 | 42 | 94113 | 83.679 | ng | # | 94 |
| 6) Aniline | 7.40 | 93 | 259095 | 61.124 | ng | | 99 |
| 8) 2-Chlorophenol | 7.63 | 128 | 164199 | 61.504 | ng | | 99 |
| 9) Benzaldehyde | 7.22 | 77 | 110874 | 46.682 | ng | | 99 |
| 10) Phenol | 7.25 | 94 | 212541 | 61.097 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 7.49 | 93 | 177585 | 62.529 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.96 | 146 | 189166 | 61.506 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.11 | 146 | 183264 | 58.988 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.43 | 146 | 169716 | 57.217 | ng | | 98 |
| 15) Benzyl Alcohol | 8.32 | 79 | 157011 | 66.069 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.60 | 45 | 360563 | 68.371 | ng | | 97 |
| 17) 2-Methylphenol | 8.51 | 107 | 136572 | 58.068 | ng | | 93 |
| 18) Hexachloroethane | 9.15 | 117 | 69469 | 61.440 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 8.88 | 70 | 139125 | 58.544 | ng | | 93 |
| 20) 3+4-Methylphenols | 8.84 | 107 | 196027 | 58.795 | ng | | 97 |
| 22) Acetophenone | 8.91 | 105 | 250141 | 55.721 | ng | | 96 |
| 24) Nitrobenzene | 9.30 | 77 | 203312 | 58.966 | ng | | 97 |
| 25) Isophorone | 9.81 | 82 | 344714 | 56.821 | ng | # | 96 |
| 26) 2-Nitrophenol | 10.01 | 139 | 104025 | 60.433 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 10.05 | 122 | 146252 | 56.392 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.29 | 93 | 215923 | 55.660 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.54 | 162 | 177330 | 60.788 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.75 | 180 | 197288 | 60.352 | ng | | 95 |
| 31) Naphthalene | 10.95 | 128 | 513134 | 57.822 | ng | | 100 |
| 32) Benzoic acid | 10.23 | 122 | 107567m | 80.808 | ng | | |
| 33) 4-Chloroaniline | 11.06 | 127 | 238124 | 57.685 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.21 | 225 | 130166 | 64.699 | ng | | 97 |
| 35) Caprolactam | 11.87 | 113 | 69916 | 59.878 | ng | # | 88 |
| 36) 4-Chloro-3-methylphenol | 12.17 | 107 | 204878 | 64.285 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.54 | 142 | 350671 | 55.012 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.76 | 142 | 339898 | 55.395 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 221073 | 63.145 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.87 | 237 | 132318 | 70.580 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.14 | 196 | 149066 | 62.482 | ng | | 96 |
| 44) 2,4,5-Trichlorophenol | 13.22 | 196 | 157109 | 62.587 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.54 | 154 | 518457 | 58.902 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.60 | 162 | 398716 | 59.362 | ng | | 99 |
| 48) 2-Nitroaniline | 13.80 | 65 | 139110 | 65.806 | ng | | 96 |
| 49) Acenaphthylene | 14.44 | 152 | 600458 | 59.448 | ng | | 99 |
| 50) Dimethylphthalate | 14.17 | 163 | 499455 | 60.131 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.30 | 165 | 113840 | 60.556 | ng | | 95 |
| 52) Acenaphthene | 14.78 | 154 | 359983 | 59.200 | ng | | 98 |
| 53) 3-Nitroaniline | 14.63 | 138 | 133821 | 64.511 | ng | # | 98 |
| 54) 2,4-Dinitrophenol | 14.83 | 184 | 68316 | 86.247 | ng | | 89 |
| 55) Dibenzofuran | 15.11 | 168 | 589904 | 58.669 | ng | | 97 |
| 56) 4-Nitrophenol | 14.92 | 139 | 96960 | 60.604 | ng | | 87 |
| 57) 2,4-Dinitrotoluene | 15.08 | 165 | 158719 | 62.053 | ng | | 98 |
| 58) Fluorene | 15.76 | 166 | 437406 | 58.305 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.33 | 232 | 132886 | 63.264 | ng | | 97 |
| 60) Diethylphthalate | 15.52 | 149 | 518987 | 58.826 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204 | 268476 | 61.160 | ng | | 98 |
| 62) 4-Nitroaniline | 15.80 | 138 | 123501 | 59.931 | ng | | 88 |
| 63) Azobenzene | 16.04 | 77 | 475828 | 60.322 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 15.84 | 198 | 104686 | 58.253 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 15.96 | 169 | 429726 | 49.994 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.64 | 248 | 169713 | 54.421 | ng | | 97 |
| 68) Hexachlorobenzene | 16.75 | 284 | 174247 | 54.132 | ng | | 99 |
| 69) Atrazine | 16.90 | 200 | 152841 | 48.236 | ng | | 97 |
| 70) Pentachlorophenol | 17.10 | 266 | 121390 | 55.526 | ng | | 96 |
| 71) Phenanthrene | 17.50 | 178 | 791931 | 54.440 | ng | | 100 |
| 72) Anthracene | 17.60 | 178 | 742836 | 51.804 | ng | | 99 |
| 73) Carbazole | 17.87 | 167 | 703173 | 48.877 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.40 | 149 | 850841 | 52.686 | ng | | 98 |
| 75) Fluoranthene | 19.51 | 202 | 895897 | 53.980 | ng | | 99 |
| 77) Benzidine | 19.69 | 184 | 430627 | 57.692 | ng | | 97 |
| 78) Pyrene | 19.87 | 202 | 866858 | 62.328 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.74 | 149 | 371513 | 61.082 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.72 | 228 | 783553 | 60.953 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.64 | 252 | 310371 | 61.981 | ng | | 99 |
| 83) Chrysene | 21.79 | 228 | 743605 | 60.458 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.59 | 149 | 520626 | 60.023 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.82 | 149 | 862570 | 61.470 | ng | | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 28.86 | 276 | 887946 | 65.002 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 24.00 | 252 | 770572 | 60.070 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 24.07 | 252 | 776322 | 61.330 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.90 | 252 | 747876 | 61.004 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 28.93 | 278 | 733171 | 62.155 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 30.07 | 276 | 725165 | 61.828 | ng | | 97 |

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

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