Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107524.D
Acq On : 20 Jul 2018 15:03
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**
Sohil
7/23/2018 12:44:26 PM

Quant Time: Jul 20 15:58:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 14:36:50 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.98 | 152 | 339120 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.26 | 136 | 1368438 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.02 | 164 | 606198 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.51 | 188 | 1172491 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.17 | 240 | 858469 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.69 | 264 | 724401 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 2367928 | 106.05 | ng | | 0.00 |
| 7) Phenol-d6 | 6.62 | 99 | 2763395 | 95.72 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.55 | 82 | 2429620 | 94.68 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.82 | 330 | 803195 | 150.80 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.34 | 172 | 3706062 | 87.85 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.10 | 244 | 3493244 | 101.10 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.86 | 88 | 578620 | 52.489 | ng | # | 82 |
| 3) Pyridine | 3.64 | 79 | 1596003 | 53.678 | ng | # | 85 |
| 4) n-Nitrosodimethylamine | 3.62 | 42 | 648412 | 53.109 | ng | | 95 |
| 6) Aniline | 6.65 | 93 | 1832533 | 48.019 | ng | # | 88 |
| 8) 2-Chlorophenol | 6.77 | 128 | 1250463 | 55.376 | ng | | 94 |
| 9) Benzaldehyde | 6.54 | 77 | 789859 | 34.011 | ng | | 98 |
| 10) Phenol | 6.64 | 94 | 1619545 | 52.328 | ng | | 80 |
| 11) bis(2-Chloroethyl)ether | 6.72 | 93 | 1365616 | 54.068 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 6.92 | 146 | 1419088 | 51.762 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.00 | 146 | 1449244 | 53.327 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.15 | 146 | 1254409 | 49.331 | ng | | 98 |
| 15) Benzyl Alcohol | 7.12 | 79 | 951586 | 32.822 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.25 | 45 | 2197430 | 81.531 | ng | | 87 |
| 17) 2-Methylphenol | 7.23 | 107 | 1075210 | 50.079 | ng | | 96 |
| 18) Hexachloroethane | 7.49 | 117 | 530750 | 52.487 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.40 | 70 | 876595 | 42.409 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.39 | 107 | 1175756 | 43.110 | ng | # | 72 |
| 22) Acetophenone | 7.40 | 105 | 1643538 | 43.713 | ng | # | 90 |
| 24) Nitrobenzene | 7.57 | 77 | 1347296 | 46.717 | ng | | 97 |
| 25) Isophorone | 7.81 | 82 | 2410867 | 47.396 | ng | | 98 |
| 26) 2-Nitrophenol | 7.88 | 139 | 668422 | 68.182 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.91 | 122 | 1046606 | 51.196 | ng | | 100 |
| 28) bis(2-Chloroethoxy)methane | 8.01 | 93 | 1560970 | 49.000 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.12 | 162 | 1086122 | 51.054 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.20 | 180 | 1148111 | 44.567 | ng | | 99 |
| 31) Naphthalene | 8.28 | 128 | 3038984 | 45.720 | ng | # | 93 |
| 32) Benzoic acid | 8.07 | 122 | 814485 | 64.918 | ng | | 96 |
| 33) 4-Chloroaniline | 8.34 | 127 | 1324852 | 46.023 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.39 | 225 | 697727 | 40.477 | ng | | 99 |
| 35) Caprolactam | 8.73 | 113 | 350747m | 50.685 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.82 | 107 | 1179897 | 42.447 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.98 | 142 | 2135347 | 48.737 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.14 | 216 | 1093247 | 46.344 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.12 | 237 | 654401 | 53.113 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.25 | 196 | 753822 | 51.192 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.30 | 196 | 777710 | 55.208 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.44 | 154 | 2689929 | 51.323 | ng | | 93 |
| 46) 2-Chloronaphthalene | 9.47 | 162 | 2115266 | 51.099 | ng | | 95 |
| 47) 2-Nitroaniline | 9.57 | 65 | 764713 | 60.365 | ng | | 89 |
| 48) Acenaphthylene | 9.89 | 152 | 3036775 | 52.567 | ng | # | 90 |
| 49) Dimethylphthalate | 9.74 | 163 | 2461907 | 51.115 | ng | | 97 |
| 50) 2,6-Dinitrotoluene | 9.81 | 165 | 557905 | 60.702 | ng | | 96 |
| 51) Acenaphthene | 10.06 | 154 | 1929506 | 50.383 | ng | | 96 |
| 52) 3-Nitroaniline | 9.99 | 138 | 690693 | 71.547 | ng | | 98 |
| 53) 2,4-Dinitrophenol | 10.09 | 184 | 228541 | 70.580 | ng | # | 20 |
| 54) Dibenzofuran | 10.23 | 168 | 2795033 | 47.229 | ng | | 89 |
| 55) 4-Nitrophenol | 10.15 | 139 | 526395 | 67.386 | ng | | 96 |
| 56) 2,4-Dinitrotoluene | 10.22 | 165 | 686105 | 57.272 | ng | | 95 |
| 57) Fluorene | 10.58 | 166 | 2083301 | 53.152 | ng | | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.35 | 232 | 661005 | 48.441 | ng | | 91 |
| 59) Diethylphthalate | 10.44 | 149 | 2474724 | 52.887 | ng | # | 92 |
| 60) 4-Chlorophenyl-phenylether | 10.56 | 204 | 1145787 | 49.077 | ng | | 98 |
| 61) 4-Nitroaniline | 10.61 | 138 | 558913 | 60.836 | ng | | 98 |
| 62) Azobenzene | 10.72 | 77 | 2333233 | 42.461 | ng | | 87 |
| 64) 4,6-Dinitro-2-methylphenol | 10.63 | 198 | 360700 | 64.579 | ng | | 83 |
| 65) n-Nitrosodiphenylamine | 10.69 | 169 | 2074756 | 56.027 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 11.05 | 248 | 756475 | 56.393 | ng | | 91 |
| 67) Hexachlorobenzene | 11.12 | 284 | 831486 | 66.962 | ng | # | 85 |
| 68) Atrazine | 11.21 | 200 | 669226 | 47.823 | ng | | 95 |
| 69) Pentachlorophenol | 11.32 | 266 | 580097 | 63.217 | ng | | 99 |
| 70) Phenanthrene | 11.54 | 178 | 2858123m | 48.914 | ng | | |
| 71) Anthracene | 11.59 | 178 | 2862467 | 49.184 | ng | # | 91 |
| 72) Carbazole | 11.75 | 167 | 2971776 | 53.936 | ng | # | 92 |
| 73) Di-n-butylphthalate | 12.07 | 149 | 3312667 | 52.315 | ng | # | 93 |
| 74) Fluoranthene | 12.74 | 202 | 3022499 | 45.510 | ng | | 94 |
| 76) Benzidine | 12.85 | 184 | 1260334 | 37.829 | ng | | 96 |
| 77) Pyrene | 12.97 | 202 | 3089282 | 52.919 | ng | | 92 |
| 79) Butylbenzylphthalate | 13.57 | 149 | 1575687 | 74.100 | ng | # | 93 |
| 80) Benzo(a)anthracene | 14.15 | 228 | 2707313 | 51.542 | ng | | 94 |
| 81) 3,3'-Dichlorobenzidine | 14.12 | 252 | 789579 | 44.821 | ng | # | 96 |
| 82) Chrysene | 14.19 | 228 | 2539452 | 50.611 | ng | | 92 |
| 83) Bis(2-ethylhexyl)phthalate | 14.12 | 149 | 1947858 | 63.923 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 14.74 | 149 | 3007417 | 63.489 | ng | # | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 17.28 | 276 | 2233463 | 62.535 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 15.24 | 252 | 2323300 | 54.794 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 15.28 | 252 | 2095381 | 50.639 | ng | | 97 |
| 89) Benzo(a)pyrene | 15.64 | 252 | 2074684 | 53.311 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 17.30 | 278 | 1852838 | 63.084 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.77 | 276 | 1866829 | 62.552 | ng | | 95 |

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

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