Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011619\
Data File : BF112070.D
Acq On : 16 Jan 2019 16:41
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
Sohil
1/17/2019 2:07:56 PM

Quant Time: Jan 16 17:29:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 16:57:14 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.86 | 152 | 295210 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.15 | 136 | 1098707 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.90 | 164 | 534038 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.39 | 188 | 1021688 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.03 | 240 | 823343 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.50 | 264 | 716676 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.49 | 112 | 1557397 | 90.26 | ng | | 0.00 |
| 7) Phenol-d6 | 6.51 | 99 | 1920721 | 86.36 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.43 | 82 | 1693537 | 82.38 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.70 | 330 | 604951 | 87.09 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.23 | 172 | 3253672 | 88.84 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.97 | 244 | 3568099 | 82.26 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.63 | 88 | 369882 | 49.023 | ng | | 99 |
| 3) Pyridine | 3.39 | 79 | 978635 | 50.042 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.35 | 42 | 386389 | 39.711 | ng | | 100 |
| 6) Aniline | 6.53 | 93 | 1169644 | 43.495 | ng | # | 65 |
| 8) 2-Chlorophenol | 6.66 | 128 | 922690 | 48.156 | ng | | 98 |
| 9) Benzaldehyde | 6.41 | 77 | 486512 | 34.973 | ng | | 99 |
| 10) Phenol | 6.53 | 94 | 1063908 | 44.013 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.60 | 93 | 874073 | 46.741 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.80 | 146 | 1039653 | 46.805 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.88 | 146 | 1059203 | 46.991 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.04 | 146 | 970076 | 45.023 | ng | | 98 |
| 15) Benzyl Alcohol | 7.01 | 79 | 743043 | 42.226 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45 | 1222842 | 38.353 | ng | | 95 |
| 17) 2-Methylphenol | 7.13 | 107 | 690276 | 44.825 | ng | | 97 |
| 18) Hexachloroethane | 7.37 | 117 | 365916 | 46.495 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70 | 604172 | 41.810 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.28 | 107 | 831108 | 43.365 | ng | # | 82 |
| 22) Acetophenone | 7.27 | 105 | 1203293 | 43.259 | ng | | 98 |
| 24) Nitrobenzene | 7.45 | 77 | 906491 | 43.590 | ng | | 94 |
| 25) Isophorone | 7.69 | 82 | 1499586 | 45.047 | ng | | 98 |
| 26) 2-Nitrophenol | 7.76 | 139 | 432491 | 42.238 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.80 | 122 | 705755 | 47.670 | ng | | 100 |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93 | 1030242 | 46.365 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.01 | 162 | 785696 | 46.152 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.09 | 180 | 887594 | 47.261 | ng | | 99 |
| 31) Naphthalene | 8.17 | 128 | 2386687 | 45.760 | ng | | 99 |
| 32) Benzoic acid | 7.94 | 122 | 348208m | 36.243 | ng | | |
| 33) 4-Chloroaniline | 8.22 | 127 | 1072374 | 47.563 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.29 | 225 | 493595 | 42.217 | ng | | 98 |
| 35) Caprolactam | 8.60 | 113 | 268858 | 48.337 | ng | | 90 |
| 36) 4-Chloro-3-methylphenol | 8.71 | 107 | 748294 | 44.208 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.86 | 142 | 1629557 | 50.422 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.96 | 142 | 1568675 | 50.606 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 852368 | 50.065 | ng | | 100 |

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|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.02 | 237 | 324628 | 32.977 ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.15 | 196 | 547812 | 47.439 ng | 99 |
| 44) 2,4,5-Trichlorophenol | 9.19 | 196 | 571622 | 47.246 ng | 97 |
| 46) 1,1'-Biphenyl | 9.33 | 154 | 2124435 | 47.557 ng | 98 |
| 47) 2-Chloronaphthalene | 9.35 | 162 | 1711516 | 48.817 ng | 98 |
| 48) 2-Nitroaniline | 9.45 | 65 | 427232 | 39.858 ng | 92 |
| 49) Acenaphthylene | 9.77 | 152 | 2463702 | 47.531 ng | 100 |
| 50) Dimethylphthalate | 9.63 | 163 | 1915155 | 47.739 ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.69 | 165 | 419721 | 46.786 ng | 88 |
| 52) Acenaphthene | 9.94 | 154 | 1493281 | 44.688 ng | 100 |
| 53) 3-Nitroaniline | 9.86 | 138 | 462243 | 48.115 ng | 90 |
| 54) 2,4-Dinitrophenol | 9.96 | 184 | 97478 | 25.661 ng | 91 |
| 55) Dibenzofuran | 10.11 | 168 | 2287795 | 47.077 ng | 97 |
| 56) 4-Nitrophenol | 10.03 | 139 | 299061 | 44.056 ng | 95 |
| 57) 2,4-Dinitrotoluene | 10.09 | 165 | 510362 | 44.027 ng | 90 |
| 58) Fluorene | 10.45 | 166 | 1671946 | 47.282 ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.23 | 232 | 439781 | 43.142 ng | 98 |
| 60) Diethylphthalate | 10.32 | 149 | 1844018 | 47.498 ng | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.44 | 204 | 920505 | 46.421 ng | 96 |
| 62) 4-Nitroaniline | 10.47 | 138 | 454490 | 49.876 ng | 97 |
| 63) Azobenzene | 10.60 | 77 | 1780471 | 48.007 ng | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 10.51 | 198 | 213938 | 33.936 ng | 94 |
| 66) n-Nitrosodiphenylamine | 10.56 | 169 | 1636756 | 47.739 ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.93 | 248 | 590217 | 44.601 ng | 93 |
| 68) Hexachlorobenzene | 11.01 | 284 | 630245 | 42.974 ng | 94 |
| 69) Atrazine | 11.09 | 200 | 531169 | 44.095 ng | 98 |
| 70) Pentachlorophenol | 11.20 | 266 | 295914 | 35.458 ng | 99 |
| 71) Phenanthrene | 11.42 | 178 | 2442483 | 44.714 ng | 98 |
| 72) Anthracene | 11.47 | 178 | 2458717 | 44.340 ng | 98 |
| 73) Carbazole | 11.62 | 167 | 2468214 | 45.760 ng | 98 |
| 74) Di-n-butylphthalate | 11.94 | 149 | 2798772 | 44.671 ng | 99 |
| 75) Fluoranthene | 12.60 | 202 | 2555764 | 45.576 ng | 98 |
| 77) Benzidine | 12.72 | 184 | 1121724 | 45.595 ng | 98 |
| 78) Pyrene | 12.83 | 202 | 2638505 | 46.575 ng | 99 |
| 80) Butylbenzylphthalate | 13.44 | 149 | 1213044 | 50.648 ng | 97 |
| 81) Benzo(a)anthracene | 14.02 | 228 | 2281371 | 48.146 ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.98 | 252 | 845355 | 48.324 ng | 98 |
| 83) Chrysene | 14.06 | 228 | 2166029 | 47.942 ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 14.00 | 149 | 1697413 | 53.966 ng | 99 |
| 85) Di-n-octyl phthalate | 14.62 | 149 | 2613093 | 58.052 ng | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 17.00 | 276 | 1934072 | 58.719 ng | 100 |
| 88) Benzo(b)fluoranthene | 15.07 | 252 | 2085510 | 48.646 ng | 98 |
| 89) Benzo(k)fluoranthene | 15.11 | 252 | 1890702 | 46.918 ng | 99 |
| 90) Benzo(a)pyrene | 15.44 | 252 | 1855538 | 49.225 ng | 98 |
| 91) Dibenzo(a,h)anthracene | 17.01 | 278 | 1603368 | 52.885 ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.44 | 276 | 1595286 | 53.797 ng | 99 |

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

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