Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120211.D
Acq On : 27 Apr 2020 11:45
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Apr 27 12:20:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:17:15 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.67 | 152 | 148334 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.96 | 136 | 542747 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.71 | 164 | 281416 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.19 | 188 | 551962 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.84 | 240 | 423308 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.24 | 264 | 394735 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.28 | 112 | 751459 | 87.55 | ng | | 0.00 |
| 7) Phenol-d6 | 6.33 | 99 | 931211 | 84.20 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.24 | 82 | 872438 | 83.16 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.50 | 330 | 255107 | 74.04 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.03 | 172 | 1647023 | 83.09 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.79 | 244 | 1768174 | 70.29 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.28 | 88 | 139478 | 36.484 | ng | | 99 |
| 3) Pyridine | 2.96 | 79 | 411474 | 39.229 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 2.92 | 42 | 209162 | 39.029 | ng | | 98 |
| 6) Aniline | 6.33 | 93 | 594563 | 40.958 | ng | # | 48 |
| 8) 2-Chlorophenol | 6.46 | 128 | 406885 | 42.427 | ng | | 99 |
| 9) Benzaldehyde | 6.22 | 77 | 240589 | 40.976 | ng | | 98 |
| 10) Phenol | 6.34 | 94 | 523395 | 41.713 | ng | | 85 |
| 11) bis(2-Chloroethyl)ether | 6.41 | 93 | 397944 | 41.076 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.61 | 146 | 435638 | 41.492 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.69 | 146 | 435082 | 40.680 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.84 | 146 | 413719 | 41.973 | ng | | 99 |
| 15) Benzyl Alcohol | 6.82 | 79 | 346501 | 40.337 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.95 | 45 | 701683 | 37.220 | ng | | 63 |
| 17) 2-Methylphenol | 6.95 | 107 | 352213 | 41.153 | ng | # | 91 |
| 18) Hexachloroethane | 7.18 | 117 | 163666 | 40.946 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 7.09 | 70 | 287573 | 40.434 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.10 | 107 | 468665 | 44.774 | ng | # | 83 |
| 22) Acetophenone | 7.09 | 105 | 548270 | 43.139 | ng | | 98 |
| 24) Nitrobenzene | 7.26 | 77 | 437306 | 41.436 | ng | | 100 |
| 25) Isophorone | 7.50 | 82 | 804393 | 39.774 | ng | | 98 |
| 26) 2-Nitrophenol | 7.57 | 139 | 222230 | 42.148 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 7.62 | 122 | 327991 | 41.246 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.71 | 93 | 482726 | 40.563 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.82 | 162 | 336986 | 41.342 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.90 | 180 | 369973 | 40.058 | ng | | 100 |
| 31) Naphthalene | 7.97 | 128 | 1188144 | 41.608 | ng | | 98 |
| 32) Benzoic acid | 7.77 | 122 | 233422 | 33.422 | ng | | 95 |
| 33) 4-Chloroaniline | 8.03 | 127 | 507334 | 40.811 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.09 | 225 | 222153 | 40.182 | ng | | 99 |
| 35) Caprolactam | 8.41 | 113 | 100612 | 40.351 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.53 | 107 | 360595 | 40.861 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.67 | 142 | 779586 | 40.268 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.77 | 142 | 735587 | 40.312 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.83 | 216 | 358100 | 40.289 | ng | | 99 |

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|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.82 | 237 | 181612 | 35.933 ng | 99 |
| 43) 2,4,6-Trichlorophenol | 8.96 | 196 | 247992 | 40.404 ng | 99 |
| 44) 2,4,5-Trichlorophenol | 9.00 | 196 | 278948 | 40.351 ng | 95 |
| 46) 1,1'-Biphenyl | 9.13 | 154 | 990984 | 41.720 ng | 99 |
| 47) 2-Chloronaphthalene | 9.16 | 162 | 753734 | 41.192 ng | 100 |
| 48) 2-Nitroaniline | 9.26 | 65 | 278959 | 42.069 ng | 91 |
| 49) Acenaphthylene | 9.57 | 152 | 1157058 | 41.579 ng | 98 |
| 50) Dimethylphthalate | 9.44 | 163 | 886513 | 40.727 ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.50 | 165 | 194569 | 40.819 ng | 91 |
| 52) Acenaphthene | 9.75 | 154 | 693772 | 37.374 ng | 98 |
| 53) 3-Nitroaniline | 9.67 | 138 | 229544 | 42.165 ng | 95 |
| 54) 2,4-Dinitrophenol | 9.79 | 184 | 122765 | 43.018 ng | 97 |
| 55) Dibenzofuran | 9.92 | 168 | 1040863 | 40.861 ng | 100 |
| 56) 4-Nitrophenol | 9.86 | 139 | 147996 | 36.537 ng | 99 |
| 57) 2,4-Dinitrotoluene | 9.91 | 165 | 254789 | 40.571 ng | 95 |
| 58) Fluorene | 10.26 | 166 | 837004 | 41.086 ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.04 | 232 | 212966 | 40.280 ng | 97 |
| 60) Diethylphthalate | 10.14 | 149 | 902443 | 40.002 ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.25 | 204 | 409374 | 39.206 ng | 98 |
| 62) 4-Nitroaniline | 10.29 | 138 | 235770 | 45.444 ng | 95 |
| 63) Azobenzene | 10.41 | 77 | 834829 | 41.291 ng | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 10.32 | 198 | 139566 | 38.381 ng | 93 |
| 66) n-Nitrosodiphenylamine | 10.37 | 169 | 746549 | 40.669 ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.74 | 248 | 254864 | 37.129 ng | 98 |
| 68) Hexachlorobenzene | 10.81 | 284 | 260546 | 37.416 ng | 92 |
| 69) Atrazine | 10.90 | 200 | 203119 | 39.770 ng | 99 |
| 70) Pentachlorophenol | 11.01 | 266 | 137564 | 34.281 ng | 99 |
| 71) Phenanthrene | 11.22 | 178 | 1193406 | 40.625 ng | 98 |
| 72) Anthracene | 11.27 | 178 | 1229411 | 40.968 ng | 98 |
| 73) Carbazole | 11.43 | 167 | 1180584 | 41.601 ng | 98 |
| 74) Di-n-butylphthalate | 11.76 | 149 | 1458353 | 39.091 ng | 100 |
| 75) Fluoranthene | 12.41 | 202 | 1323126 | 41.744 ng | 95 |
| 77) Benzidine | 12.53 | 184 | 591044 | 41.306 ng | 98 |
| 78) Pyrene | 12.64 | 202 | 1355704 | 37.990 ng | 97 |
| 80) Butylbenzylphthalate | 13.26 | 149 | 634732 | 36.656 ng | 96 |
| 81) Benzo(a)anthracene | 13.83 | 228 | 1114830 | 40.033 ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.79 | 252 | 416994 | 40.132 ng | 100 |
| 83) Chrysene | 13.86 | 228 | 1129821 | 39.929 ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 13.82 | 149 | 829391 | 35.370 ng | 98 |
| 85) Di-n-octyl phthalate | 14.43 | 149 | 1451353 | 36.351 ng | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 16.61 | 276 | 1009573 | 40.476 ng | 100 |
| 88) Benzo(b)fluoranthene | 14.85 | 252 | 1098728 | 38.693 ng | 100 |
| 89) Benzo(k)fluoranthene | 14.87 | 252 | 958175 | 39.108 ng | 99 |
| 90) Benzo(a)pyrene | 15.19 | 252 | 948866 | 39.742 ng | 97 |
| 91) Dibenzo(a,h)anthracene | 16.63 | 278 | 834810 | 39.473 ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.02 | 276 | 820985 | 39.327 ng | 96 |

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

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