Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115078.D
Acq On : 21 Jun 2019 14:38
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICCC040

Quant Time: Jun 21 16:35:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 21 16:30:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.62 | 152 | 198977 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 7.90 | 136 | 816147 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.65 | 164 | 399645 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.12 | 188 | 784869 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 13.75 | 240 | 581758 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.11 | 264 | 675206 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.21 | 112 | 1067563 | 89.59 | ng | 0.00 |
| 7) Phenol-d6 | 6.25 | 99 | 1298213 | 90.31 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.18 | 82 | 1096020 | 80.83 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.43 | 330 | 353603 | 82.62 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 8.98 | 172 | 2007097 | 85.12 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.71 | 244 | 2249942 | 72.74 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.20 | 88 | 249252 | 44.686 | ng | 100 |
| 3) Pyridine | 2.85 | 79 | 698118 | 44.455 | ng | 100 |
| 4) n-Nitrosodimethylamine | 2.80 | 42 | 272914 | 48.950 | ng | 100 |
| 6) Aniline | 6.28 | 93 | 895975 | 46.543 | ng | 100 |
| 8) 2-Chlorophenol | 6.40 | 128 | 603065 | 44.632 | ng | 100 |
| 9) Benzaldehyde | 6.16 | 77 | 434341 | 52.559 | ng | 100 |
| 10) Phenol | 6.27 | 94 | 757133 | 47.078 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.36 | 93 | 554656 | 44.434 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.56 | 146 | 663633 | 42.049 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.64 | 146 | 671991 | 42.352 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 6.79 | 146 | 626218 | 41.921 | ng | 100 |
| 15) Benzyl Alcohol | 6.77 | 79 | 481896 | 44.745 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.91 | 45 | 804722 | 48.167 | ng | 100 |
| 17) 2-Methylphenol | 6.88 | 107 | 489463 | 43.429 | ng | 100 |
| 18) Hexachloroethane | 7.14 | 117 | 240346 | 41.945 | ng | 100 |
| 19) n-Nitroso-di-n-propylamine | 7.05 | 70 | 408196 | 46.739 | ng | 100 |
| 20) 3+4-Methylphenols | 7.04 | 107 | 571159 | 42.581 | ng | 100 |
| 22) Acetophenone | 7.03 | 105 | 769945 | 41.675 | ng | 100 |
| 24) Nitrobenzene | 7.20 | 77 | 604728 | 43.835 | ng | 100 |
| 25) Isophorone | 7.45 | 82 | 1103217 | 43.442 | ng | 100 |
| 26) 2-Nitrophenol | 7.52 | 139 | 300642 | 39.098 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.57 | 122 | 488503 | 44.038 | ng | 100 |
| 28) bis(2-Chloroethoxy)methane | 7.66 | 93 | 712431 | 43.726 | ng | 100 |
| 29) 2,4-Dichlorophenol | 7.76 | 162 | 506721 | 43.241 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 7.84 | 180 | 563839 | 41.641 | ng | 100 |
| 31) Naphthalene | 7.92 | 128 | 1679740 | 43.499 | ng | 100 |
| 32) Benzoic acid | 7.68 | 122 | 296982 | 37.002 | ng | 100 |
| 33) 4-Chloroaniline | 7.97 | 127 | 759480 | 42.608 | ng | 100 |
| 34) Hexachlorobutadiene | 8.05 | 225 | 308415 | 40.978 | ng | 100 |
| 35) Caprolactam | 8.35 | 113 | 165302 | 42.352 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.45 | 107 | 512058 | 43.360 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.61 | 142 | 1127550 | 43.779 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.71 | 142 | 1083832 | 44.524 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.78 | 216 | 478727 | 40.546 | ng | 100 |

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|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.78 | 237 | 279279 | 48.002 ng | 100 |
| 43) 2,4,6-Trichlorophenol | 8.89 | 196 | 366586 | 41.569 ng | 100 |
| 44) 2,4,5-Trichlorophenol | 8.92 | 196 | 367302 | 41.214 ng | 100 |
| 46) 1,1'-Biphenyl | 9.08 | 154 | 1316677 | 41.113 ng | 100 |
| 47) 2-Chloronaphthalene | 9.10 | 162 | 1095390 | 42.298 ng | 100 |
| 48) 2-Nitroaniline | 9.19 | 65 | 317378 | 41.463 ng | 100 |
| 49) Acenaphthylene | 9.51 | 152 | 1709390 | 42.931 ng | 100 |
| 50) Dimethylphthalate | 9.38 | 163 | 1240488 | 41.274 ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.44 | 165 | 282393 | 41.421 ng | 100 |
| 52) Acenaphthene | 9.68 | 154 | 1068037 | 46.884 ng | 100 |
| 53) 3-Nitroaniline | 9.60 | 138 | 346390 | 41.469 ng | 100 |
| 54) 2,4-Dinitrophenol | 9.70 | 184 | 121423 | 36.719 ng | 100 |
| 55) Dibenzofuran | 9.85 | 168 | 1493640 | 43.504 ng | 100 |
| 56) 4-Nitrophenol | 9.75 | 139 | 282683 | 49.075 ng | 100 |
| 57) 2,4-Dinitrotoluene | 9.84 | 165 | 370249 | 42.668 ng | 100 |
| 58) Fluorene | 10.20 | 166 | 1046638 | 41.680 ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 9.97 | 232 | 315572 | 43.836 ng | 100 |
| 60) Diethylphthalate | 10.08 | 149 | 1230006 | 42.801 ng | 100 |
| 61) 4-Chlorophenyl-phenylether | 10.20 | 204 | 501142 | 40.431 ng | 100 |
| 62) 4-Nitroaniline | 10.21 | 138 | 346796 | 41.293 ng | 100 |
| 63) Azobenzene | 10.35 | 77 | 1157301 | 46.033 ng | 100 |
| 65) 4,6-Dinitro-2-methylphenol | 10.24 | 198 | 162698 | 36.985 ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.31 | 169 | 1025298 | 43.702 ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.68 | 248 | 354495 | 42.066 ng | 100 |
| 68) Hexachlorobenzene | 10.74 | 284 | 382548 | 41.232 ng | 100 |
| 69) Atrazine | 10.84 | 200 | 329385 | 43.545 ng | 100 |
| 70) Pentachlorophenol | 10.93 | 266 | 250032 | 49.624 ng | 100 |
| 71) Phenanthrene | 11.15 | 178 | 1704265 | 42.056 ng | 100 |
| 72) Anthracene | 11.20 | 178 | 1746284 | 42.715 ng | 100 |
| 73) Carbazole | 11.35 | 167 | 1599581 | 44.827 ng | 100 |
| 74) Di-n-butylphthalate | 11.71 | 149 | 1853700 | 41.207 ng | 100 |
| 75) Fluoranthene | 12.32 | 202 | 1775062 | 42.837 ng | 100 |
| 77) Benzidine | 12.45 | 184 | 1070022 | 45.473 ng | 100 |
| 78) Pyrene | 12.55 | 202 | 1825713 | 34.449 ng | 100 |
| 80) Butylbenzylphthalate | 13.19 | 149 | 805440 | 32.538 ng | 100 |
| 81) Benzo(a)anthracene | 13.74 | 228 | 1717809 | 39.459 ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.71 | 252 | 635232 | 38.060 ng | 100 |
| 83) Chrysene | 13.77 | 228 | 1569900 | 36.264 ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 13.76 | 149 | 1055685 | 36.084 ng | 100 |
| 85) Di-n-octyl phthalate | 14.37 | 149 | 1791008 | 35.550 ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 16.39 | 276 | 1900327 | 49.973 ng | 100 |
| 88) Benzo(b)fluoranthene | 14.74 | 252 | 1792457 | 39.934 ng | 100 |
| 89) Benzo(k)fluoranthene | 14.77 | 252 | 1454807 | 36.926 ng | 100 |
| 90) Benzo(a)pyrene | 15.06 | 252 | 1587198 | 40.980 ng | 100 |
| 91) Dibenzo(a,h)anthracene | 16.42 | 278 | 1530661 | 45.890 ng | 100 |
| 92) Benzo(g,h,i)perylene | 16.78 | 276 | 1563928 | 45.975 ng | 100 |

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

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