Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108015.D
Acq On : 8 Aug 2018 13:13
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 08 13:38:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.02 | 152 | 282721 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.30 | 136 | 1124933 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.07 | 164 | 592114 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.56 | 188 | 1186411 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.22 | 240 | 923866 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.78 | 264 | 764756 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 1249722 | 80.03 | ng | | 0.00 |
| 7) Phenol-d6 | 6.63 | 99 | 1672292 | 80.59 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.58 | 82 | 1649461 | 81.82 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.86 | 330 | 497148 | 84.17 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.38 | 172 | 2845053 | 77.14 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.15 | 244 | 2840295 | 78.17 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.92 | 88 | 322981 | 40.252 | ng | | 88 |
| 3) Pyridine | 3.68 | 79 | 835844 | 40.438 | ng | # | 83 |
| 4) n-Nitrosodimethylamine | 3.65 | 42 | 468849 | 40.311 | ng | | 82 |
| 6) Aniline | 6.68 | 93 | 1153036 | 40.849 | ng | | 94 |
| 8) 2-Chlorophenol | 6.80 | 128 | 711153 | 40.434 | ng | | 95 |
| 9) Benzaldehyde | 6.57 | 77 | 653994 | 40.649 | ng | | 97 |
| 10) Phenol | 6.64 | 94 | 851366 | 39.663 | ng | | 87 |
| 11) bis(2-Chloroethyl)ether | 6.75 | 93 | 700091 | 40.343 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 6.96 | 146 | 816130 | 40.132 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.04 | 146 | 811289 | 39.706 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.19 | 146 | 758285 | 39.899 | ng | | 97 |
| 15) Benzyl Alcohol | 7.15 | 79 | 723205 | 41.398 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.28 | 45 | 1438190 | 40.229 | ng | | 96 |
| 17) 2-Methylphenol | 7.25 | 107 | 616785 | 40.894 | ng | # | 94 |
| 18) Hexachloroethane | 7.53 | 117 | 292941 | 40.271 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.42 | 70 | 571179 | 40.703 | ng | # | 85 |
| 20) 3+4-Methylphenols | 7.41 | 107 | 791971 | 40.975 | ng | | 93 |
| 22) Acetophenone | 7.42 | 105 | 1043240 | 39.661 | ng | # | 90 |
| 24) Nitrobenzene | 7.60 | 77 | 836261 | 41.022 | ng | | 97 |
| 25) Isophorone | 7.84 | 82 | 1550803 | 40.359 | ng | | 98 |
| 26) 2-Nitrophenol | 7.91 | 139 | 327775 | 42.576 | ng | # | 88 |
| 27) 2,4-Dimethylphenol | 7.94 | 122 | 689633 | 40.438 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 8.04 | 93 | 894711 | 39.886 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.15 | 162 | 650140 | 41.425 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.24 | 180 | 690536 | 39.907 | ng | | 96 |
| 31) Naphthalene | 8.32 | 128 | 2027261 | 39.626 | ng | | 97 |
| 32) Benzoic acid | 8.05 | 122 | 388513 | 40.346 | ng | | 91 |
| 33) 4-Chloroaniline | 8.37 | 127 | 899050 | 40.325 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.44 | 225 | 442080 | 40.358 | ng | | 99 |
| 35) Caprolactam | 8.74 | 113 | 203280 | 41.332 | ng | # | 76 |
| 36) 4-Chloro-3-methylphenol | 8.84 | 107 | 699367 | 41.307 | ng | | 95 |
| 37) 2-Methylnaphthalene | 9.01 | 142 | 1453506 | 40.157 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.18 | 216 | 732673 | 40.294 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.17 | 237 | 486432 | 41.417 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.29 | 196 | 480288 | 42.565 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.32 | 196 | 518113 | 41.712 | ng | | 96 |
| 45) 1,1'-Biphenyl | 9.48 | 154 | 1730177 | 39.632 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.51 | 162 | 1389558 | 40.272 | ng | | 99 |
| 47) 2-Nitroaniline | 9.60 | 65 | 487161 | 43.635 | ng | | 87 |
| 48) Acenaphthylene | 9.93 | 152 | 2167816 | 39.741 | ng | | 96 |
| 49) Dimethylphthalate | 9.78 | 163 | 1637731 | 39.707 | ng | # | 98 |
| 50) 2,6-Dinitrotoluene | 9.84 | 165 | 367313 | 42.565 | ng | # | 86 |
| 51) Acenaphthene | 10.10 | 154 | 1341411 | 40.149 | ng | | 98 |
| 52) 3-Nitroaniline | 10.02 | 138 | 399293 | 42.291 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 10.11 | 184 | 117403 | 40.184 | ng | # | 37 |
| 54) Dibenzofuran | 10.27 | 168 | 1915778 | 39.578 | ng | | 91 |
| 55) 4-Nitrophenol | 10.15 | 139 | 302966 | 42.375 | ng | # | 78 |
| 56) 2,4-Dinitrotoluene | 10.25 | 165 | 485420 | 43.701 | ng | # | 97 |
| 57) Fluorene | 10.62 | 166 | 1503778 | 39.244 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.38 | 232 | 453980 | 43.728 | ng | # | 87 |
| 59) Diethylphthalate | 10.48 | 149 | 1601628 | 40.101 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.61 | 204 | 802679 | 40.201 | ng | | 91 |
| 61) 4-Nitroaniline | 10.64 | 138 | 391613 | 41.952 | ng | | 88 |
| 62) Azobenzene | 10.77 | 77 | 1652895 | 40.073 | ng | | 90 |
| 64) 4,6-Dinitro-2-methylphenol | 10.65 | 198 | 177837 | 40.827 | ng | | 89 |
| 65) n-Nitrosodiphenylamine | 10.72 | 169 | 1407707 | 40.152 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 11.10 | 248 | 523115 | 40.573 | ng | # | 85 |
| 67) Hexachlorobenzene | 11.17 | 284 | 551402 | 40.647 | ng | # | 88 |
| 68) Atrazine | 11.25 | 200 | 482455 | 41.028 | ng | | 97 |
| 69) Pentachlorophenol | 11.35 | 266 | 270487 | 41.658 | ng | | 95 |
| 70) Phenanthrene | 11.59 | 178 | 2188224 | 39.104 | ng | | 96 |
| 71) Anthracene | 11.64 | 178 | 2248652 | 39.207 | ng | | 96 |
| 72) Carbazole | 11.79 | 167 | 2005953 | 39.365 | ng | | 96 |
| 73) Di-n-butylphthalate | 12.11 | 149 | 2305962 | 39.952 | ng | # | 97 |
| 74) Fluoranthene | 12.78 | 202 | 2373608 | 38.866 | ng | | 94 |
| 76) Benzidine | 12.90 | 184 | 1463760 | 42.406 | ng | | 94 |
| 77) Pyrene | 13.01 | 202 | 2374163 | 40.591 | ng | | 96 |
| 79) Butylbenzylphthalate | 13.62 | 149 | 1004828 | 43.264 | ng | # | 91 |
| 80) Benzo(a)anthracene | 14.21 | 228 | 2109962 | 39.795 | ng | | 96 |
| 81) 3,3'-Dichlorobenzidine | 14.17 | 252 | 789517 | 41.551 | ng | # | 95 |
| 82) Chrysene | 14.25 | 228 | 1934687 | 39.801 | ng | | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 14.18 | 149 | 1342561 | 42.686 | ng | # | 99 |
| 84) Di-n-octyl phthalate | 14.80 | 149 | 2083234 | 43.431 | ng | # | 93 |
| 85) Indeno(1,2,3-cd)pyrene | 17.39 | 276 | 1667314 | 39.587 | ng | # | 91 |
| 87) Benzo(b)fluoranthene | 15.31 | 252 | 1903280 | 41.650 | ng | | 96 |
| 88) Benzo(k)fluoranthene | 15.34 | 252 | 1664308 | 39.620 | ng | # | 95 |
| 89) Benzo(a)pyrene | 15.71 | 252 | 1656675 | 40.485 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 17.42 | 278 | 1384446 | 40.890 | ng | # | 94 |
| 91) Benzo(g,h,i)perylene | 17.89 | 276 | 1360265 | 40.801 | ng | # | 91 |

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

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