Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108775.D
Acq On : 5 Sep 2018 15:41
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC025

Quant Time: Sep 05 16:38:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 16:28:16 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.73 | 152 | 290973 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.02 | 136 | 1179960 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.77 | 164 | 583037 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.24 | 188 | 1124262 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.87 | 240 | 804946 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.27 | 264 | 781206 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 898852 | 53.66 | ng | | 0.00 |
| 7) Phenol-d6 | 6.36 | 99 | 1157859 | 48.27 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.30 | 82 | 976330 | 42.00 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 293513 | 38.13 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.10 | 172 | 1912824 | 44.11 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.82 | 244 | 1654199 | 39.93 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.42 | 88 | 211396 | 27.157 | ng | | 93 |
| 3) Pyridine | 3.12 | 79 | 596138 | 33.147 | ng | | 88 |
| 4) n-Nitrosodimethylamine | 3.05 | 42 | 220808 | 24.613 | ng | | 91 |
| 6) Aniline | 6.39 | 93 | 788899 | 30.475 | ng | | 98 |
| 8) 2-Chlorophenol | 6.51 | 128 | 508643 | 24.837 | ng | | 100 |
| 9) Benzaldehyde | 6.28 | 77 | 416113 | 28.064 | ng | | 99 |
| 10) Phenol | 6.37 | 94 | 667680 | 23.867 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.47 | 93 | 522485 | 21.210 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.67 | 146 | 565997 | 23.836 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.75 | 146 | 569479 | 21.971 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.91 | 146 | 536704 | 22.546 | ng | | 97 |
| 15) Benzyl Alcohol | 6.87 | 79 | 455191 | 26.378 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.01 | 45 | 792324 | 20.966 | ng | | 99 |
| 17) 2-Methylphenol | 6.98 | 107 | 413383 | 25.962 | ng | | 97 |
| 18) Hexachloroethane | 7.25 | 117 | 203996 | 22.885 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70 | 392487 | 24.431 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.14 | 107 | 498091 | 24.967 | ng | # | 71 |
| 22) Acetophenone | 7.14 | 105 | 678364 | 23.029 | ng | | 94 |
| 24) Nitrobenzene | 7.31 | 77 | 527190 | 22.366 | ng | | 99 |
| 25) Isophorone | 7.55 | 82 | 938744 | 24.309 | ng | | 99 |
| 26) 2-Nitrophenol | 7.63 | 139 | 185383 | 17.373 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.67 | 122 | 413232 | 26.628 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.77 | 93 | 643001 | 26.358 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.87 | 162 | 430097 | 23.361 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.96 | 180 | 464342 | 22.554 | ng | | 97 |
| 31) Naphthalene | 8.04 | 128 | 1390818 | 24.747 | ng | | 99 |
| 32) Benzoic acid | 7.77 | 122 | 228666 | 22.977 | ng | | 99 |
| 33) 4-Chloroaniline | 8.08 | 127 | 637264 | 25.686 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.17 | 225 | 272897 | 20.188 | ng | | 99 |
| 35) Caprolactam | 8.44 | 113 | 144201 | 29.394 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 8.56 | 107 | 462974 | 23.430 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.72 | 142 | 920419 | 24.205 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 451992 | 21.837 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.89 | 237 | 221463 | 30.209 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.00 | 196 | 311925 | 25.448 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.04 | 196 | 317103 | 22.185 | ng | | 96 |
| 45) 1,1'-Biphenyl | 9.19 | 154 | 1184414 | 23.335 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.21 | 162 | 948014 | 23.858 | ng | | 98 |
| 47) 2-Nitroaniline | 9.30 | 65 | 244189 | 18.374 | ng | | 96 |
| 48) Acenaphthylene | 9.62 | 152 | 1433027 | 24.633 | ng | | 99 |
| 49) Dimethylphthalate | 9.49 | 163 | 1065545 | 23.209 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.54 | 165 | 208641 | 20.617 | ng | | 88 |
| 51) Acenaphthene | 9.80 | 154 | 872207 | 25.075 | ng | | 97 |
| 52) 3-Nitroaniline | 9.71 | 138 | 251888 | 23.008 | ng | # | 87 |
| 53) 2,4-Dinitrophenol | 9.81 | 184 | 45978 | 13.361 | ng | # | 16 |
| 54) Dibenzofuran | 9.97 | 168 | 1287212 | 23.650 | ng | | 97 |
| 55) 4-Nitrophenol | 9.86 | 139 | 182042 | 30.237 | ng | | 95 |
| 56) 2,4-Dinitrotoluene | 9.94 | 165 | 245862 | 18.348 | ng | # | 89 |
| 57) Fluorene | 10.31 | 166 | 875888 | 20.765 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.08 | 232 | 260809 | 20.368 | ng | | 91 |
| 59) Diethylphthalate | 10.19 | 149 | 1096124 | 23.697 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.31 | 204 | 469069 | 19.598 | ng | | 93 |
| 61) 4-Nitroaniline | 10.32 | 138 | 217757 | 20.555 | ng | | 96 |
| 62) Azobenzene | 10.47 | 77 | 1134820 | 24.683 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 10.35 | 198 | 85284 | 17.096 | ng | | 92 |
| 65) n-Nitrosodiphenylamine | 10.42 | 169 | 953006 | 25.514 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 10.79 | 248 | 324151 | 23.459 | ng | | 92 |
| 67) Hexachlorobenzene | 10.86 | 284 | 341896 | 22.967 | ng | # | 88 |
| 68) Atrazine | 10.95 | 200 | 299531 | 28.684 | ng | | 98 |
| 69) Pentachlorophenol | 11.04 | 266 | 218438 | 27.615 | ng | | 98 |
| 70) Phenanthrene | 11.27 | 178 | 1393231 | 24.552 | ng | | 99 |
| 71) Anthracene | 11.31 | 178 | 1426053 | 23.917 | ng | | 99 |
| 72) Carbazole | 11.47 | 167 | 1390336 | 24.115 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.81 | 149 | 1657307 | 24.985 | ng | | 99 |
| 74) Fluoranthene | 12.44 | 202 | 1465250 | 22.939 | ng | | 100 |
| 76) Benzidine | 12.57 | 184 | 940758 | 41.519 | ng | | 99 |
| 77) Pyrene | 12.67 | 202 | 1494041 | 24.691 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.30 | 149 | 672122 | 26.416 | ng | | 98 |
| 80) Benzo(a)anthracene | 13.85 | 228 | 1276708 | 26.017 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.82 | 252 | 515645 | 28.975 | ng | | 97 |
| 82) Chrysene | 13.89 | 228 | 1223848 | 25.934 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.87 | 149 | 855709 | 26.165 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.47 | 149 | 1458156 | 30.325 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.61 | 276 | 983271 | 29.966 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 14.87 | 252 | 1125817 | 23.460 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 14.89 | 252 | 989438 | 20.813 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.21 | 252 | 976395 | 22.514 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.63 | 278 | 828943 | 23.933 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.02 | 276 | 819861 | 24.354 | ng | | 94 |

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

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