Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\

Quantitation Report (QT Reviewed)

Data File : BF098729.D
Acq On : 23 Sep 2017 10:30
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC2.5

Quant Time: Sep 23 13:30:23 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 12:56:14 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.92 | 152 | 151355 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.20 | 136 | 639772 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.96 | 164 | 298627 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.44 | 188 | 538097 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.08 | 240 | 443556 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.57 | 264 | 390660 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 0.00 | 112 | 0d | 0.00 | ng | | |
| 7) Phenol-d6 | 0.00 | 99 | 0d | 0.00 | ng | | |
| 23) Nitrobenzene-d5 | 0.00 | 82 | 0d | 0.00 | ng | | |
| 41) 2,4,6-Tribromophenol | 0.00 | 330 | 0d | 0.00 | ng | | |
| 44) 2-Fluorobiphenyl | 0.00 | 172 | 0d | 0.00 | ng | | |
| 78) Terphenyl-d14 | 0.00 | 244 | 0d | 0.00 | ng | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.77 | 88 | 12252 | 2.60 | ng | | 95 |
| 3) Pyridine | 3.59 | 79 | 31867 | 2.55 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.49 | 42 | 12507 | 2.28 | ng | # | 87 |
| 6) Aniline | 6.57 | 93 | 42450 | 2.65 | ng | | 97 |
| 8) 2-Chlorophenol | 6.70 | 128 | 29709 | 2.74 | ng | | 97 |
| 10) Phenol | 6.54 | 94 | 36143 | 2.71 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.65 | 93 | 27817 | 2.71 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.86 | 146 | 31370 | 2.74 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.94 | 146 | 33369 | 2.88 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.09 | 146 | 29933 | 2.77 | ng | | 96 |
| 15) Benzyl Alcohol | 7.05 | 79 | 24103 | 2.77 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.19 | 45 | 44750 | 2.74 | ng | | 99 |
| 17) 2-Methylphenol | 7.16 | 107 | 23922 | 2.71 | ng | | 98 |
| 18) Hexachloroethane | 7.43 | 117 | 11633 | 2.92 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70 | 21768 | 2.91 | ng | | 93 |
| 20) 3+4-Methylphenols | 7.30 | 107 | 31706 | 2.79 | ng | | 92 |
| 22) Acetophenone | 7.32 | 105 | 46810 | 2.96 | ng | | 97 |
| 24) Nitrobenzene | 7.49 | 77 | 30075 | 2.76 | ng | | 98 |
| 25) Isophorone | 7.73 | 82 | 55561 | 2.70 | ng | | 99 |
| 26) 2-Nitrophenol | 7.82 | 139 | 12113 | 2.74 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 7.84 | 122 | 28586 | 2.83 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 7.95 | 93 | 35482 | 2.77 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 8.05 | 162 | 23400 | 2.69 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.14 | 180 | 24607 | 2.81 | ng | | 99 |
| 31) Naphthalene | 8.22 | 128 | 88244 | 2.91 | ng | | 100 |
| 33) 4-Chloroaniline | 8.26 | 127 | 35793 | 2.84 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.34 | 225 | 12997 | 2.75 | ng | | 94 |
| 35) Caprolactam | 8.59 | 113 | 7478 | 2.76 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.73 | 107 | 27363 | 2.76 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.91 | 142 | 56388 | 2.89 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.07 | 216 | 25785 | 2.92 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 9.06 | 237 | 9595 | 2.50 | ng | | 98 |
| 42) 2,4,6-Trichlorophenol | 9.19 | 196 | 16191 | 2.72 | ng | | 92 |
| 43) 2,4,5-Trichlorophenol | 9.22 | 196 | 17139 | 2.81 | ng | | 99 |

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**Instrument :** BNA_F
**ClientSampleId :** SSTDICC2.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 12:56:14 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 45) 1,1'-Biphenyl | 9.37 | 154 | 77615 | 3.03 | ng | | 96 |
| 46) 2-Chloronaphthalene | 9.40 | 162 | 55050 | 2.86 | ng | | 98 |
| 47) 2-Nitroaniline | 9.49 | 65 | 14354 | 2.66 | ng | | 98 |
| 48) Acenaphthylene | 9.82 | 152 | 86424 | 2.92 | ng | | 96 |
| 49) Dimethylphthalate | 9.66 | 163 | 63713 | 2.85 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.73 | 165 | 12038 | 2.72 | ng | # | 88 |
| 51) Acenaphthene | 9.99 | 154 | 54524 | 2.97 | ng | | 97 |
| 52) 3-Nitroaniline | 9.90 | 138 | 14018 | 2.66 | ng | | 95 |
| 54) Dibenzofuran | 10.16 | 168 | 73294 | 2.92 | ng | | 98 |
| 55) 4-Nitrophenol | 10.04 | 139 | 11501 | 2.51 | ng | | 97 |
| 56) 2,4-Dinitrotoluene | 10.13 | 165 | 14620 | 2.46 | ng | | 88 |
| 57) Fluorene | 10.50 | 166 | 62219 | 3.09 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.27 | 232 | 11596 | 2.67 | ng | # | 96 |
| 59) Diethylphthalate | 10.36 | 149 | 65092 | 2.97 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.49 | 204 | 27786 | 3.15 | ng | | 97 |
| 61) 4-Nitroaniline | 10.50 | 138 | 13308 | 2.63 | ng | | 96 |
| 62) Azobenzene | 10.65 | 77 | 59694 | 2.91 | ng | | 98 |
| 65) n-Nitrosodiphenylamine | 10.61 | 169 | 53565 | 2.89 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.99 | 248 | 14663 | 2.70 | ng | | 93 |
| 67) Hexachlorobenzene | 11.05 | 284 | 15716 | 2.54 | ng | | 98 |
| 68) Atrazine | 11.13 | 200 | 16042 | 2.88 | ng | | 97 |
| 69) Pentachlorophenol | 11.24 | 266 | 7648 | 2.16 | ng | | 91 |
| 70) Phenanthrene | 11.46 | 178 | 87258 | 2.99 | ng | | 99 |
| 71) Anthracene | 11.52 | 178 | 86784 | 2.92 | ng | | 99 |
| 72) Carbazole | 11.67 | 167 | 84188 | 2.89 | ng | | 99 |
| 73) Di-n-butylphthalate | 12.00 | 149 | 99892 | 2.96 | ng | | 98 |
| 74) Fluoranthene | 12.65 | 202 | 86105 | 2.96 | ng | | 98 |
| 76) Benzidine | 12.77 | 184 | 41445 | 2.30 | ng | | 97 |
| 77) Pyrene | 12.88 | 202 | 92438 | 2.81 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.50 | 149 | 38454 | 2.82 | ng | | 98 |
| 80) Benzo(a)anthracene | 14.07 | 228 | 74514 | 2.79 | ng | | 97 |
| 81) 3,3'-Dichlorobenzidine | 14.03 | 252 | 26491 | 2.78 | ng | | 99 |
| 82) Chrysene | 14.10 | 228 | 72834 | 2.82 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 14.05 | 149 | 58018 | 3.08 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 14.67 | 149 | 94474 | 3.34 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 17.06 | 276 | 58409 | 2.92 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 15.13 | 252 | 63055 | 2.78 | ng | | 100 |
| 88) Benzo(k)fluoranthene | 15.16 | 252 | 64863 | 2.86 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.50 | 252 | 59135 | 2.87 | ng | | 96 |
| 90) Dibenzo(a,h)anthracene | 17.08 | 278 | 46677 | 2.68 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.52 | 276 | 45128 | 2.58 | ng | | 97 |

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

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**ClientSampleId :**
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