Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085853.D
Acq On : 29 Mar 2016 17:16
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Sohil
3/30/2016 7:04:25 PM

Quant Time: Mar 30 01:01:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 116996 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.09 | 136 | 479150 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.85 | 164 | 221264 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.33 | 188 | 411212 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.97 | 240 | 291640 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.39 | 264 | 219454 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 587514 | 83.63 | ng | | -0.01 |
| 7) Phenol-d6 | 6.45 | 99 | 716308 | 80.20 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 699349 | 82.19 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.64 | 330 | 186607 | 88.77 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.17 | 172 | 1138549 | 85.97 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.92 | 244 | 1089210 | 76.81 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.34 | 88 | 141435 | 42.16 | ng | | 99 |
| 3) Pyridine | 3.06 | 79 | 342187 | 42.55 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.02 | 42 | 148029 | 45.98 | ng | | 99 |
| 6) Aniline | 6.47 | 93 | 489717 | 40.73 | ng | | 97 |
| 8) 2-Chlorophenol | 6.60 | 128 | 349361 | 42.80 | ng | | 93 |
| 9) Benzaldehyde | 6.36 | 77 | 210057 | 39.03 | ng | | 95 |
| 10) Phenol | 6.46 | 94 | 406819 | 40.20 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 6.55 | 93 | 340245 | 43.69 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.74 | 146 | 361420 | 41.12 | ng | # | 93 |
| 13) 1,4-Dichlorobenzene | 6.82 | 146 | 378096 | 42.42 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 324096m | 39.01 | ng | | |
| 15) Benzyl Alcohol | 6.95 | 79 | 241571 | 40.54 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45 | 401941 | 38.90 | ng | | 96 |
| 17) 2-Methylphenol | 7.08 | 107 | 285542 | 43.70 | ng | | 99 |
| 18) Hexachloroethane | 7.32 | 117 | 132615 | 40.63 | ng | # | 86 |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70 | 217146 | 40.60 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.22 | 107 | 301043 | 38.32 | ng | # | 87 |
| 22) Acetophenone | 7.22 | 105 | 433956 | 38.88 | ng | | 96 |
| 24) Nitrobenzene | 7.40 | 77 | 367789 | 41.93 | ng | | 98 |
| 25) Isophorone | 7.64 | 82 | 636278 | 38.82 | ng | | 98 |
| 26) 2-Nitrophenol | 7.72 | 139 | 199635 | 45.50 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.75 | 122 | 305787 | 39.87 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93 | 397484 | 42.56 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.96 | 162 | 263910 | 40.93 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.04 | 180 | 284076 | 39.69 | ng | | 98 |
| 31) Naphthalene | 8.12 | 128 | 924799 | 38.30 | ng | | 100 |
| 32) Benzoic acid | 7.89 | 122 | 175489 | 34.45 | ng | | 98 |
| 33) 4-Chloroaniline | 8.17 | 127 | 406040 | 41.19 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.23 | 225 | 145631 | 37.43 | ng | | 99 |
| 35) Caprolactam | 8.55 | 113 | 84659 | 37.07 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 8.65 | 107 | 286138 | 37.99 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.80 | 142 | 596959 | 41.65 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 255867 | 39.00 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.96 | 237 | 87963 | 37.66 | ng | | 99 |

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Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

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Quant Time: Mar 30 01:01:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.09 | 196 | 178799 | 40.35 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 9.13 | 196 | 192797 | 41.48 | ng | # | 94 |
| 45) 1,1'-Biphenyl | 9.27 | 154 | 710682 | 38.06 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.29 | 162 | 543489 | 39.59 | ng | # | 91 |
| 47) 2-Nitroaniline | 9.40 | 65 | 170888 | 40.70 | ng | | 95 |
| 48) Acenaphthylene | 9.72 | 152 | 924633 | 41.33 | ng | | 98 |
| 49) Dimethylphthalate | 9.58 | 163 | 680391 | 40.53 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.64 | 165 | 139728 | 38.67 | ng | | 87 |
| 51) Acenaphthene | 9.89 | 154 | 551570 | 40.37 | ng | | 99 |
| 52) 3-Nitroaniline | 9.81 | 138 | 156697 | 37.89 | ng | | 96 |
| 53) 2,4-Dinitrophenol | 9.92 | 184 | 68439 | 40.70 | ng | # | 75 |
| 54) Dibenzofuran | 10.06 | 168 | 732845 | 41.44 | ng | | 96 |
| 55) 4-Nitrophenol | 9.98 | 139 | 120352 | 44.67 | ng | | 93 |
| 56) 2,4-Dinitrotoluene | 10.05 | 165 | 202968 | 44.19 | ng | # | 76 |
| 57) Fluorene | 10.40 | 166 | 597956 | 40.67 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.17 | 232 | 131518 | 40.72 | ng | | 100 |
| 59) Diethylphthalate | 10.28 | 149 | 702098 | 42.33 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 10.39 | 204 | 302824 | 42.13 | ng | | 89 |
| 61) 4-Nitroaniline | 10.42 | 138 | 172325 | 43.56 | ng | | 94 |
| 62) Azobenzene | 10.55 | 77 | 685047 | 42.98 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 10.46 | 198 | 104412 | 43.36 | ng | # | 62 |
| 65) n-Nitrosodiphenylamine | 10.50 | 169 | 515651 | 39.59 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.88 | 248 | 178681 | 42.47 | ng | # | 88 |
| 67) Hexachlorobenzene | 10.95 | 284 | 186931 | 42.49 | ng | # | 90 |
| 68) Atrazine | 11.04 | 200 | 182582 | 41.52 | ng | | 99 |
| 69) Pentachlorophenol | 11.14 | 266 | 90067 | 41.70 | ng | | 99 |
| 70) Phenanthrene | 11.36 | 178 | 916870 | 43.42 | ng | | 99 |
| 71) Anthracene | 11.41 | 178 | 871575 | 39.32 | ng | | 100 |
| 72) Carbazole | 11.57 | 167 | 822859 | 44.22 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.90 | 149 | 1043981 | 40.88 | ng | | 99 |
| 74) Fluoranthene | 12.54 | 202 | 823877 | 36.71 | ng | | 99 |
| 76) Benzidine | 12.67 | 184 | 241061 | 23.47 | ng | | 99 |
| 77) Pyrene | 12.77 | 202 | 832955 | 34.75 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.39 | 149 | 368357 | 36.69 | ng | # | 71 |
| 80) Benzo(a)anthracene | 13.96 | 228 | 635683 | 38.23 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.92 | 252 | 411483 | 35.65 | ng | | 99 |
| 82) Chrysene | 13.99 | 228 | 598607 | 35.74 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.95 | 149 | 438929 | 36.51 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.56 | 149 | 727833 | 40.72 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.77 | 276 | 591551 | 45.73 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 14.99 | 252 | 595286m | 43.06 | ng | | |
| 88) Benzo(k)fluoranthene | 15.01 | 252 | 450507m | 36.15 | ng | | |
| 89) Benzo(a)pyrene | 15.33 | 252 | 499581 | 40.70 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 16.78 | 278 | 498876 | 43.74 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.18 | 276 | 509620 | 44.13 | ng | | 98 |

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

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Sample : SSTDCCC040
Misc :
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