Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
Data File : BF082522.D
Acq On : 26 Oct 2015 20:22
Operator : UM/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC050

Quant Time: Oct 27 01:37:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 01:37:08 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.73 | 152 | 98539 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.02 | 136 | 383527 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.77 | 164 | 184474 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.26 | 188 | 354697 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.91 | 240 | 305938 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.36 | 264 | 283372 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.31 | 112 | 486212 | 100.04 | ng | | 0.00 |
| 7) Phenol-d6 | 6.39 | 99 | 632813 | 100.47 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.30 | 82 | 583425 | 102.40 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.57 | 330 | 147143 | 86.64 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.10 | 172 | 1018411 | 92.68 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.85 | 244 | 979809 | 85.53 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.23 | 88 | 111561 | 45.43 | ng | | 96 |
| 3) Pyridine | 2.90 | 79 | 300312 | 52.01 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 2.89 | 42 | 132556 | 54.37 | ng | | 100 |
| 6) Aniline | 6.40 | 93 | 405641 | 49.91 | ng | # | 86 |
| 8) 2-Chlorophenol | 6.51 | 128 | 293300 | 49.22 | ng | | 98 |
| 9) Benzaldehyde | 6.27 | 77 | 150919 | 46.90 | ng | | 100 |
| 10) Phenol | 6.40 | 94 | 373177 | 52.17 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.47 | 93 | 277885 | 45.75 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.66 | 146 | 323016 | 46.76 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.74 | 146 | 334775 | 46.51 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.90 | 146 | 315752 | 46.20 | ng | | 97 |
| 15) Benzyl Alcohol | 6.89 | 79 | 224822 | 51.55 | ng | # | 89 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45 | 379335 | 44.20 | ng | | 97 |
| 17) 2-Methylphenol | 7.01 | 107 | 225897 | 47.79 | ng | | 98 |
| 18) Hexachloroethane | 7.23 | 117 | 117036 | 47.23 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70 | 198570 | 45.07 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.17 | 107 | 279707 | 49.33 | ng | | 97 |
| 22) Acetophenone | 7.15 | 105 | 385958 | 50.16 | ng | # | 98 |
| 24) Nitrobenzene | 7.33 | 77 | 298294 | 46.87 | ng | | 95 |
| 25) Isophorone | 7.57 | 82 | 547117 | 47.29 | ng | | 99 |
| 26) 2-Nitrophenol | 7.65 | 139 | 157741 | 51.72 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.69 | 122 | 271288 | 54.19 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 7.78 | 93 | 340397 | 51.37 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.89 | 162 | 245803 | 49.57 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.97 | 180 | 278427 | 48.61 | ng | | 99 |
| 31) Naphthalene | 8.05 | 128 | 801849 | 48.10 | ng | | 99 |
| 32) Benzoic acid | 7.85 | 122 | 149419m | 46.63 | ng | | |
| 33) 4-Chloroaniline | 8.10 | 127 | 342667 | 49.86 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.15 | 225 | 154205 | 43.73 | ng | | 98 |
| 35) Caprolactam | 8.50 | 113 | 76266 | 53.72 | ng | # | 78 |
| 36) 4-Chloro-3-methylphenol | 8.59 | 107 | 238891 | 48.55 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.73 | 142 | 537399 | 46.70 | ng | | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 279169 | 50.43 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.88 | 237 | 65801 | 31.98 | ng | | 100 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.02 | 196 | 169210 | 46.11 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.06 | 196 | 186180 | 47.21 | ng | | 96 |
| 45) 1,1'-Biphenyl | 9.20 | 154 | 684246 | 47.75 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.22 | 162 | 530139 | 47.68 | ng | | 98 |
| 47) 2-Nitroaniline | 9.34 | 65 | 159096 | 51.97 | ng | # | 53 |
| 48) Acenaphthylene | 9.63 | 152 | 786543 | 45.69 | ng | | 100 |
| 49) Dimethylphthalate | 9.51 | 163 | 598987 | 45.30 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.58 | 165 | 141822 | 51.22 | ng | # | 74 |
| 51) Acenaphthene | 9.81 | 154 | 450813 | 43.97 | ng | | 99 |
| 52) 3-Nitroaniline | 9.75 | 138 | 158529 | 50.73 | ng | | 89 |
| 53) 2,4-Dinitrophenol | 9.86 | 184 | 59017m | 46.98 | ng | | |
| 54) Dibenzofuran | 9.98 | 168 | 666099 | 46.95 | ng | | 99 |
| 55) 4-Nitrophenol | 9.93 | 139 | 59102 | 35.75 | ng | | 99 |
| 56) 2,4-Dinitrotoluene | 9.98 | 165 | 170783 | 50.15 | ng | | 92 |
| 57) Fluorene | 10.32 | 166 | 523388 | 44.93 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.10 | 232 | 141860 | 44.22 | ng | | 97 |
| 59) Diethylphthalate | 10.21 | 149 | 621011 | 50.53 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.32 | 204 | 273399 | 50.62 | ng | | 95 |
| 61) 4-Nitroaniline | 10.37 | 138 | 155529 | 51.20 | ng | | 95 |
| 62) Azobenzene | 10.48 | 77 | 588517 | 49.50 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 10.40 | 198 | 107718 | 54.51 | ng | # | 59 |
| 65) n-Nitrosodiphenylamine | 10.45 | 169 | 530546 | 50.30 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.80 | 248 | 154134 | 43.95 | ng | | 96 |
| 67) Hexachlorobenzene | 10.87 | 284 | 175219 | 45.98 | ng | # | 91 |
| 68) Atrazine | 10.97 | 200 | 153374 | 44.96 | ng | | 99 |
| 69) Pentachlorophenol | 11.07 | 266 | 65308 | 35.26 | ng | | 96 |
| 70) Phenanthrene | 11.28 | 178 | 820501 | 47.22 | ng | | 100 |
| 71) Anthracene | 11.34 | 178 | 906079 | 50.47 | ng | | 99 |
| 72) Carbazole | 11.50 | 167 | 767701 | 46.85 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.83 | 149 | 913992 | 46.02 | ng | # | 97 |
| 74) Fluoranthene | 12.47 | 202 | 851751 | 46.16 | ng | | 99 |
| 76) Benzidine | 12.61 | 184 | 416721 | 47.39 | ng | | 98 |
| 77) Pyrene | 12.70 | 202 | 863222 | 47.40 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.33 | 149 | 419331 | 50.89 | ng | # | 77 |
| 80) Benzo(a)anthracene | 13.90 | 228 | 788254 | 49.42 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.86 | 252 | 281621 | 46.60 | ng | # | 96 |
| 82) Chrysene | 13.94 | 228 | 830254 | 49.42 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.89 | 149 | 522081 | 44.78 | ng | # | 96 |
| 84) Di-n-octyl phthalate | 14.53 | 149 | 885460 | 44.18 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.73 | 276 | 661114 | 48.72 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 14.96 | 252 | 692769m | 41.20 | ng | | |
| 88) Benzo(k)fluoranthene | 15.00 | 252 | 755019m | 51.49 | ng | | |
| 89) Benzo(a)pyrene | 15.30 | 252 | 669170 | 45.15 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 16.74 | 278 | 549393 | 45.11 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.14 | 276 | 534637 | 45.05 | ng | | 99 |

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

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