Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
Data File : BF078896.D
Acq On : 1 May 2015 16:54
Operator : TP/IZ
Sample : PB83053BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB83053BS

Quant Time: May 02 00:34:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 02 00:19:57 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.54 | 152 | 252136m | 20.00 | ng | | 0.18 |
| 21) Naphthalene-d8 | 0.00 | 136 | 0 | 0.00 | ng | | -8.94 |
| 38) Acenaphthene-d10 | 0.00 | 164 | 0 | 0.00 | ng | | -11.12 |
| 63) Phenanthrene-d10 | 0.00 | 188 | 0 | 0.00 | ng | | -12.96 |
| 75) Chrysene-d12 | 16.26 | 240 | 538 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 18.07 | 264 | 911 | 20.00 | ng | | -0.06 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.66 | 112 | 553609 | 37.80 | ng | | 0.00 |
| 7) Phenol-d6 | 6.90 | 99 | 723417 | 37.36 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.04 | 82 | 392092 | 0.00 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 12.09 | 330 | 218673 | 0.00 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 10.28 | 172 | 863456 | 0.00 | ng | | 0.00 |
| 78) Terphenyl-d14 | 14.96 | 244 | 1052475 | 46836.04 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.34 | 88 | 57191 | 8.98 | ng | # | 32 |
| 3) Pyridine | 3.11 | 79 | 179151 | 9.61 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.02 | 42 | 74577 | 9.34 | ng | | 98 |
| 6) Aniline | 6.95 | 93 | 167859 | 6.14 | ng | | 99 |
| 8) 2-Chlorophenol | 7.08 | 128 | 183074 | 11.02 | ng | | 98 |
| 9) Benzaldehyde | 6.81 | 77 | 77341 | 5.93 | ng | | 98 |
| 10) Phenol | 6.92 | 94 | 248583 | 11.07 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.04 | 93 | 166096 | 10.09 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.28 | 146 | 188421 | 10.09 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.38 | 146 | 191762 | 9.98 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.56 | 146 | 188050 | 10.51 | ng | | 99 |
| 15) Benzyl Alcohol | 7.53 | 79 | 153851 | 10.70 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.71 | 45 | 266283 | 10.57 | ng | | 99 |
| 17) 2-Methylphenol | 7.67 | 107 | 144966 | 10.84 | ng | | 96 |
| 18) Hexachloroethane | 7.99 | 117 | 65796 | 9.94 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.87 | 70 | 134808 | 10.31 | ng | # | 83 |
| 20) 3+4-Methylphenols | 7.86 | 107 | 198292 | 11.13 | ng | | 89 |
| 76) Benzidine | 14.64 | 184 | 240023 | 16553.75 | ng | | 98 |
| 77) Pyrene | 14.75 | 202 | 672316 | 21686.18 | ng | | 99 |
| 79) Butylbenzylphthalate | 15.58 | 149 | 311866 | 23012.87 | ng | # | 88 |
| 80) Benzo(a)anthracene | 16.25 | 228 | 622603 | 21132.72 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 16.23 | 252 | 169598 | 16161.18 | ng | # | 97 |
| 82) Chrysene | 16.30 | 228 | 590169 | 20827.51 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 16.31 | 149 | 460251 | 22422.51 | ng | | 99 |
| 84) Di-n-octyl phthalate | 17.13 | 149 | 791998 | 21908.17 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 19.58 | 276 | 754036 | 20885.22 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 17.60 | 252 | 695159 | 13941.16 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 17.63 | 252 | 535724 | 11097.97 | ng | | 98 |
| 89) Benzo(a)pyrene | 18.00 | 252 | 607932 | 13240.78 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 19.61 | 278 | 609688 | 12494.50 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 20.03 | 276 | 625235 | 12784.17 | ng | | 99 |

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

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