Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084087.D
Acq On : 24 Dec 2015 19:03
Operator : UM/SJ
Sample : PB87523BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Manual Integrations APPROVED
Sohil
12/28/2015 1:09:47 PM

Quant Time: Dec 25 04:15:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 48580 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.09 | 136 | 190347 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.84 | 164 | 89270 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.32 | 188 | 165494 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.96 | 240 | 122167 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.38 | 264 | 93639 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 217626 | 75.95 | ng | | 0.01 |
| 7) Phenol-d6 | 6.45 | 99 | 262218 | 73.96 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 243106 | 74.76 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 70543 | 74.10 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.16 | 172 | 485276 | 74.38 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.90 | 244 | 448680 | 66.46 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.43 | 88 | 38533 | 32.81 | ng | | 98 |
| 3) Pyridine | 3.14 | 79 | 96206 | 33.54 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.08 | 42 | 51137 | 40.46 | ng | | 91 |
| 6) Aniline | 6.46 | 93 | 105291 | 23.49 | ng | # | 22 |
| 8) 2-Chlorophenol | 6.59 | 128 | 145393 | 40.86 | ng | | 94 |
| 9) Benzaldehyde | 6.35 | 77 | 34440 | 18.16 | ng | | 88 |
| 10) Phenol | 6.46 | 94 | 154646 | 38.14 | ng | | 86 |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 111369 | 38.08 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.74 | 146 | 145983 | 37.58 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.82 | 146 | 146226m | 37.40 | ng | | |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 137736 | 38.23 | ng | | 99 |
| 15) Benzyl Alcohol | 6.96 | 79 | 114777 | 42.75 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45 | 104203 | 36.48 | ng | # | 50 |
| 17) 2-Methylphenol | 7.07 | 107 | 104853 | 38.38 | ng | # | 91 |
| 18) Hexachloroethane | 7.31 | 117 | 54103 | 37.92 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70 | 87259 | 39.95 | ng | # | 89 |
| 20) 3+4-Methylphenols | 7.23 | 107 | 143931 | 41.30 | ng | # | 48 |
| 22) Acetophenone | 7.21 | 105 | 184472 | 38.79 | ng | | 93 |
| 24) Nitrobenzene | 7.39 | 77 | 128439 | 37.20 | ng | # | 84 |
| 25) Isophorone | 7.63 | 82 | 239652 | 39.84 | ng | | 95 |
| 26) 2-Nitrophenol | 7.70 | 139 | 71260 | 40.33 | ng | # | 82 |
| 27) 2,4-Dimethylphenol | 7.76 | 122 | 127266 | 43.39 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93 | 140964 | 40.20 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.95 | 162 | 112518 | 41.31 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.03 | 180 | 117557 | 39.38 | ng | | 98 |
| 31) Naphthalene | 8.11 | 128 | 404931 | 39.98 | ng | | 99 |
| 32) Benzoic acid | 7.89 | 122 | 60858 | 43.28 | ng | | 93 |
| 33) 4-Chloroaniline | 8.16 | 127 | 56810 | 14.10 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.22 | 225 | 63951 | 37.56 | ng | | 98 |
| 35) Caprolactam | 8.53 | 113 | 36373m | 48.15 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.66 | 107 | 125573 | 41.00 | ng | | 93 |
| 37) 2-Methylnaphthalene | 8.80 | 142 | 258784 | 40.82 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 118286 | 42.03 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.96 | 237 | 69211 | 83.12 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.08 | 196 | 72590 | 39.56 | ng | | 96 |
| 43) 2,4,5-Trichlorophenol | 9.14 | 196 | 75840 | 41.29 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.26 | 154 | 348949 | 43.27 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.29 | 162 | 255317 | 41.64 | ng | | 95 |
| 47) 2-Nitroaniline | 9.39 | 65 | 76118 | 46.72 | ng | # | 67 |
| 48) Acenaphthylene | 9.70 | 152 | 390549 | 38.79 | ng | | 99 |
| 49) Dimethylphthalate | 9.57 | 163 | 311403 | 42.12 | ng | # | 90 |
| 50) 2,6-Dinitrotoluene | 9.63 | 165 | 70931 | 45.20 | ng | # | 82 |
| 51) Acenaphthene | 9.87 | 154 | 227128 | 38.79 | ng | | 99 |
| 52) 3-Nitroaniline | 9.80 | 138 | 35720 | 21.21 | ng | # | 71 |
| 53) 2,4-Dinitrophenol | 9.92 | 184 | 48504 | 79.70 | ng | | 96 |
| 54) Dibenzofuran | 10.04 | 168 | 332361 | 41.27 | ng | # | 90 |
| 55) 4-Nitrophenol | 9.98 | 139 | 71215 | 82.84 | ng | # | 76 |
| 56) 2,4-Dinitrotoluene | 10.04 | 165 | 91903 | 44.36 | ng | | 89 |
| 57) Fluorene | 10.38 | 166 | 268163 | 39.18 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.17 | 232 | 59111 | 45.15 | ng | | 97 |
| 59) Diethylphthalate | 10.27 | 149 | 299205 | 39.84 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.37 | 204 | 116432 | 36.88 | ng | # | 81 |
| 61) 4-Nitroaniline | 10.42 | 138 | 73582 | 47.27 | ng | | 96 |
| 62) Azobenzene | 10.53 | 77 | 272025 | 43.96 | ng | | 88 |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198 | 40232 | 43.80 | ng | | 81 |
| 65) n-Nitrosodiphenylamine | 10.50 | 169 | 258379 | 43.80 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.86 | 248 | 80580 | 42.03 | ng | # | 79 |
| 67) Hexachlorobenzene | 10.93 | 284 | 84646 | 40.33 | ng | # | 72 |
| 68) Atrazine | 11.02 | 200 | 71162 | 40.05 | ng | | 97 |
| 69) Pentachlorophenol | 11.14 | 266 | 61328 | 87.98 | ng | | 98 |
| 70) Phenanthrene | 11.34 | 178 | 410263 | 41.82 | ng | | 99 |
| 71) Anthracene | 11.40 | 178 | 433065 | 42.21 | ng | | 99 |
| 72) Carbazole | 11.55 | 167 | 361031 | 41.37 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.88 | 149 | 458987 | 40.82 | ng | # | 98 |
| 74) Fluoranthene | 12.53 | 202 | 444127 | 43.25 | ng | | 96 |
| 76) Benzidine | 12.65 | 184 | 109789 | 26.44 | ng | | 99 |
| 77) Pyrene | 12.76 | 202 | 450502 | 42.74 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.38 | 149 | 193543 | 44.36 | ng | # | 81 |
| 80) Benzo(a)anthracene | 13.95 | 228 | 321584 | 42.79 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.91 | 252 | 68298 | 30.01 | ng | # | 96 |
| 82) Chrysene | 13.99 | 228 | 293385m | 42.34 | ng | | |
| 83) Bis(2-ethylhexyl)phthalate | 13.94 | 149 | 247217 | 43.85 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 14.55 | 149 | 356798 | 44.98 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.77 | 276 | 283302 | 40.83 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.98 | 252 | 297146m | 42.73 | ng | | |
| 88) Benzo(k)fluoranthene | 15.00 | 252 | 220983m | 46.89 | ng | | |
| 89) Benzo(a)pyrene | 15.32 | 252 | 248702 | 43.41 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.77 | 278 | 236561 | 42.31 | ng | # | 95 |
| 91) Benzo(g,h,i)perylene | 17.19 | 276 | 239184 | 41.92 | ng | | 98 |

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

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