Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083413.D
Acq On : 2 Dec 2015 12:33
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:09:22 PM

Quant Time: Dec 03 03:12:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.54 | 152 | 180508m | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.84 | 136 | 723024 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.58 | 164 | 351279 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.12 | 188 | 641964 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 14.74 | 240 | 542614 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 16.80 | 264 | 397028 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.13 | 112 | 941030 | 78.23 | ng | | 0.00 |
| 7) Phenol-d6 | 6.22 | 99 | 1281944 | 77.86 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.12 | 82 | 1190354 | 72.37 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.37 | 330 | 267812 | 75.95 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 8.91 | 172 | 1844696 | 74.83 | ng | | -0.01 |
| 78) Terphenyl-d14 | 13.21 | 244 | 1738341 | 76.40 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.94 | 88 | 210215 | 32.27 | ng | | 99 |
| 3) Pyridine | 2.56 | 79 | 582451 | 35.75 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 2.51 | 42 | 322675 | 40.23 | ng | | 97 |
| 6) Aniline | 6.21 | 93 | 873872 | 38.79 | ng | | 96 |
| 8) 2-Chlorophenol | 6.34 | 128 | 513623 | 38.71 | ng | | 92 |
| 9) Benzaldehyde | 6.08 | 77 | 307694 | 38.52 | ng | | 97 |
| 10) Phenol | 6.24 | 94 | 765106 | 38.62 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.29 | 93 | 565967 | 39.27 | ng | | 89 |
| 12) 1,3-Dichlorobenzene | 6.48 | 146 | 550514m | 37.32 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.56 | 146 | 559960m | 36.73 | ng | | |
| 14) 1,2-Dichlorobenzene | 6.72 | 146 | 534034 | 38.18 | ng | | 96 |
| 15) Benzyl Alcohol | 6.70 | 79 | 485595 | 38.16 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.84 | 45 | 929651 | 36.76 | ng | # | 49 |
| 17) 2-Methylphenol | 6.84 | 107 | 443406 | 40.09 | ng | | 97 |
| 18) Hexachloroethane | 7.06 | 117 | 206445 | 38.99 | ng | # | 79 |
| 19) n-Nitroso-di-n-propylamine | 6.98 | 70 | 424191 | 36.04 | ng | | 92 |
| 20) 3+4-Methylphenols | 7.00 | 107 | 589279 | 39.34 | ng | | 99 |
| 22) Acetophenone | 6.97 | 105 | 769547 | 35.57 | ng | # | 95 |
| 24) Nitrobenzene | 7.14 | 77 | 661055 | 37.64 | ng | | 90 |
| 25) Isophorone | 7.38 | 82 | 1124152 | 35.28 | ng | | 96 |
| 26) 2-Nitrophenol | 7.46 | 139 | 292952 | 40.86 | ng | # | 78 |
| 27) 2,4-Dimethylphenol | 7.52 | 122 | 437977 | 36.44 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 7.61 | 93 | 688455 | 37.94 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.71 | 162 | 425678 | 36.83 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 7.78 | 180 | 457880 | 36.39 | ng | | 98 |
| 31) Naphthalene | 7.86 | 128 | 1478605 | 37.69 | ng | | 98 |
| 32) Benzoic acid | 7.68 | 122 | 313088 | 37.77 | ng | | 94 |
| 33) 4-Chloroaniline | 7.92 | 127 | 567313 | 33.55 | ng | # | 90 |
| 34) Hexachlorobutadiene | 7.98 | 225 | 269841 | 37.77 | ng | | 97 |
| 35) Caprolactam | 8.30 | 113 | 133032 | 36.42 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 8.42 | 107 | 461157 | 35.57 | ng | # | 81 |
| 37) 2-Methylnaphthalene | 8.54 | 142 | 941459 | 35.91 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.72 | 216 | 447764 | 40.21 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.70 | 237 | 192943 | 36.48 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.84 | 196 | 309207 | 39.59 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 8.89 | 196 | 308999 | 38.18 | ng | # | 93 |
| 45) 1,1'-Biphenyl | 9.01 | 154 | 1203205 | 39.06 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.04 | 162 | 898136 | 38.26 | ng | | 93 |
| 47) 2-Nitroaniline | 9.14 | 65 | 351219 | 37.78 | ng | # | 83 |
| 48) Acenaphthylene | 9.44 | 152 | 1385614 | 37.01 | ng | | 99 |
| 49) Dimethylphthalate | 9.33 | 163 | 1046944 | 36.67 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.38 | 165 | 217355 | 35.65 | ng | | 85 |
| 51) Acenaphthene | 9.61 | 154 | 788514 | 35.80 | ng | | 98 |
| 52) 3-Nitroaniline | 9.55 | 138 | 244362 | 34.20 | ng | | 91 |
| 53) 2,4-Dinitrophenol | 9.66 | 184 | 111901 | 34.62 | ng | # | 72 |
| 54) Dibenzofuran | 9.78 | 168 | 1167408 | 36.17 | ng | | 99 |
| 55) 4-Nitrophenol | 9.74 | 139 | 181554m | 40.62 | ng | | |
| 56) 2,4-Dinitrotoluene | 9.79 | 165 | 287855 | 37.21 | ng | # | 58 |
| 57) Fluorene | 10.12 | 166 | 884223 | 34.69 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.92 | 232 | 246162 | 37.70 | ng | | 96 |
| 59) Diethylphthalate | 10.02 | 149 | 965154 | 35.47 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 10.12 | 204 | 418143 | 35.71 | ng | | 96 |
| 61) 4-Nitroaniline | 10.17 | 138 | 254540 | 35.60 | ng | | 94 |
| 62) Azobenzene | 10.28 | 77 | 1247422 | 37.95 | ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 10.19 | 198 | 164696 | 38.21 | ng | # | 77 |
| 65) n-Nitrosodiphenylamine | 10.25 | 169 | 858400 | 38.05 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 10.62 | 248 | 278897 | 39.72 | ng | | 98 |
| 67) Hexachlorobenzene | 10.69 | 284 | 304373 | 39.20 | ng | | 97 |
| 68) Atrazine | 10.82 | 200 | 233181 | 37.37 | ng | | 93 |
| 69) Pentachlorophenol | 10.91 | 266 | 163870 | 40.29 | ng | | 97 |
| 70) Phenanthrene | 11.15 | 178 | 1463022 | 38.51 | ng | | 100 |
| 71) Anthracene | 11.21 | 178 | 1486361 | 38.86 | ng | | 100 |
| 72) Carbazole | 11.40 | 167 | 1278758 | 37.21 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.85 | 149 | 1619548 | 39.77 | ng | | 99 |
| 74) Fluoranthene | 12.65 | 202 | 1446732 | 36.74 | ng | | 98 |
| 76) Benzidine | 12.85 | 184 | 553253 | 34.23 | ng | | 98 |
| 77) Pyrene | 12.96 | 202 | 1485833 | 39.21 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.95 | 149 | 685296 | 42.63 | ng | | 84 |
| 80) Benzo(a)anthracene | 14.73 | 228 | 1264876 | 38.05 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.72 | 252 | 408756 | 39.37 | ng | # | 98 |
| 82) Chrysene | 14.79 | 228 | 1246876 | 38.82 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.85 | 149 | 904463 | 41.94 | ng | | 100 |
| 84) Di-n-octyl phthalate | 15.83 | 149 | 1379972 | 42.97 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 18.18 | 276 | 967795 | 41.37 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 16.28 | 252 | 956255 | 37.54 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 16.33 | 252 | 916165 | 38.09 | ng | | 99 |
| 89) Benzo(a)pyrene | 16.73 | 252 | 839739 | 38.38 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 18.20 | 278 | 813159 | 42.65 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 18.56 | 276 | 800414 | 42.77 | ng | | 97 |

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

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