Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093334.D
Acq On : 2 Mar 2017 21:28
Operator : SJ/MA
Sample : PB97296BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Manual Integrations APPROVED
mohammad
3/3/2017 5:16:48 PM

Quant Time: Mar 03 01:18:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 00:22:20 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 153748 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.09 | 136 | 617684 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.85 | 164 | 293564 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.33 | 188 | 534526 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.97 | 240 | 407008 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.39 | 264 | 326616 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 1291506 | 144.11 | ng | | 0.01 |
| 7) Phenol-d6 | 6.45 | 99 | 1553297 | 134.71 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 978428 | 88.21 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.65 | 330 | 273548 | 128.84 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.17 | 172 | 1490031 | 91.95 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.92 | 244 | 1327988 | 76.66 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.40 | 88 | 182990 | 37.79 | ng | # | 81 |
| 3) Pyridine | 3.09 | 79 | 466901 | 37.92 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.06 | 42 | 269101 | 46.54 | ng | | 86 |
| 6) Aniline | 6.46 | 93 | 388116 | 24.68 | ng | # | 78 |
| 8) 2-Chlorophenol | 6.58 | 128 | 428830 | 43.37 | ng | | 89 |
| 9) Benzaldehyde | 6.34 | 77 | 131743 | 15.95 | ng | | 86 |
| 10) Phenol | 6.46 | 94 | 599842 | 44.46 | ng | | 84 |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 443902 | 41.22 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 6.73 | 146 | 462359m | 39.93 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.81 | 146 | 482611 | 41.18 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 458012 | 40.87 | ng | | 96 |
| 15) Benzyl Alcohol | 6.96 | 79 | 354721 | 41.55 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45 | 765085 | 40.90 | ng | | 91 |
| 17) 2-Methylphenol | 7.07 | 107 | 364029 | 42.92 | ng | | 95 |
| 18) Hexachloroethane | 7.30 | 117 | 167035 | 41.75 | ng | # | 88 |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70 | 323777 | 44.11 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.23 | 107 | 495477 | 48.86 | ng | # | 76 |
| 22) Acetophenone | 7.22 | 105 | 616697 | 43.73 | ng | # | 97 |
| 24) Nitrobenzene | 7.39 | 77 | 526302 | 46.21 | ng | | 99 |
| 25) Isophorone | 7.63 | 82 | 926974 | 44.85 | ng | | 94 |
| 26) 2-Nitrophenol | 7.71 | 139 | 256816 | 47.43 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.76 | 122 | 432179 | 45.45 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93 | 606176 | 44.28 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.96 | 162 | 380524 | 42.91 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.03 | 180 | 381563 | 39.93 | ng | | 95 |
| 31) Naphthalene | 8.11 | 128 | 1255295 | 40.09 | ng | | 99 |
| 32) Benzoic acid | 7.92 | 122 | 176299 | 35.01 | ng | | 94 |
| 33) 4-Chloroaniline | 8.17 | 127 | 244919 | 19.94 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.22 | 225 | 199847 | 38.01 | ng | | 98 |
| 35) Caprolactam | 8.56 | 113 | 135535m | 48.59 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.67 | 107 | 398858 | 43.14 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.81 | 142 | 841657 | 41.86 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 384279 | 46.63 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.96 | 237 | 216432 | 58.21 | ng | | 95 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.09 | 196 | 249890 | 46.15 | ng | | 91 |
| 43) 2,4,5-Trichlorophenol | 9.15 | 196 | 244445 | 41.20 | ng | # | 86 |
| 45) 1,1'-Biphenyl | 9.28 | 154 | 1019627 | 47.97 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.30 | 162 | 764293 | 45.96 | ng | | 97 |
| 47) 2-Nitroaniline | 9.40 | 65 | 263675 | 47.16 | ng | | 92 |
| 48) Acenaphthylene | 9.71 | 152 | 1153191 | 40.14 | ng | | 98 |
| 49) Dimethylphthalate | 9.58 | 163 | 971740 | 49.14 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.65 | 165 | 218937 | 51.27 | ng | | 92 |
| 51) Acenaphthene | 9.88 | 154 | 673759 | 39.23 | ng | | 97 |
| 52) 3-Nitroaniline | 9.82 | 138 | 132867 | 27.19 | ng | | 80 |
| 53) 2,4-Dinitrophenol | 9.94 | 184 | 229631 | 104.19 | ng | # | 63 |
| 54) Dibenzofuran | 10.05 | 168 | 1026088 | 44.67 | ng | | 99 |
| 55) 4-Nitrophenol | 10.01 | 139 | 220515 | 62.65 | ng | | 95 |
| 56) 2,4-Dinitrotoluene | 10.06 | 165 | 267743 | 47.09 | ng | # | 76 |
| 57) Fluorene | 10.40 | 166 | 788287 | 44.60 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.19 | 232 | 207492 | 52.43 | ng | | 92 |
| 59) Diethylphthalate | 10.28 | 149 | 955150 | 51.26 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.40 | 204 | 392759 | 46.26 | ng | # | 75 |
| 61) 4-Nitroaniline | 10.44 | 138 | 245501 | 49.05 | ng | | 91 |
| 62) Azobenzene | 10.56 | 77 | 1159172 | 60.21 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 10.48 | 198 | 150296 | 46.29 | ng | | 80 |
| 65) n-Nitrosodiphenylamine | 10.52 | 169 | 758393 | 44.41 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 10.88 | 248 | 227279 | 40.70 | ng | # | 89 |
| 67) Hexachlorobenzene | 10.96 | 284 | 228873 | 41.47 | ng | # | 89 |
| 68) Atrazine | 11.05 | 200 | 231986 | 42.34 | ng | | 99 |
| 69) Pentachlorophenol | 11.15 | 266 | 180498 | 64.86 | ng | | 96 |
| 70) Phenanthrene | 11.37 | 178 | 1283918 | 41.93 | ng | | 98 |
| 71) Anthracene | 11.41 | 178 | 1189613 | 38.68 | ng | | 99 |
| 72) Carbazole | 11.57 | 167 | 1076266 | 36.61 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.90 | 149 | 1471952 | 46.30 | ng | # | 95 |
| 74) Fluoranthene | 12.54 | 202 | 1244095 | 39.38 | ng | | 97 |
| 76) Benzidine | 12.67 | 184 | 405782 | 23.40 | ng | | 98 |
| 77) Pyrene | 12.77 | 202 | 1263466 | 41.48 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.39 | 149 | 583443 | 47.17 | ng | | 98 |
| 80) Benzo(a)anthracene | 13.96 | 228 | 1027592 | 41.28 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.93 | 252 | 235379 | 26.53 | ng | # | 95 |
| 82) Chrysene | 14.00 | 228 | 969085 | 41.58 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.95 | 149 | 867884 | 51.31 | ng | # | 96 |
| 84) Di-n-octyl phthalate | 14.56 | 149 | 1348441 | 48.95 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 16.79 | 276 | 708586 | 39.25 | ng | # | 94 |
| 87) Benzo(b)fluoranthene | 14.99 | 252 | 857527m | 39.89 | ng | | |
| 88) Benzo(k)fluoranthene | 15.03 | 252 | 846617m | 45.61 | ng | | |
| 89) Benzo(a)pyrene | 15.33 | 252 | 781799 | 42.04 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 16.79 | 278 | 600850 | 39.98 | ng | # | 94 |
| 91) Benzo(g,h,i)perylene | 17.21 | 276 | 607509 | 40.01 | ng | # | 92 |

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

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