Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093386.D
Acq On : 4 Mar 2017 5:44
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/6/2017 4:23:41 PM

Quant Time: Mar 05 23:52:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.78 | 152 | 168772 | 20.00 | ng | | -0.07 |
| 21) Naphthalene-d8 | 8.08 | 136 | 656330 | 20.00 | ng | | -0.07 |
| 38) Acenaphthene-d10 | 9.82 | 164 | 287060 | 20.00 | ng | | -0.07 |
| 63) Phenanthrene-d10 | 11.31 | 188 | 449463 | 20.00 | ng | | -0.07 |
| 75) Chrysene-d12 | 13.95 | 240 | 294577 | 20.00 | ng | | -0.07 |
| 86) Perylene-d12 | 15.36 | 264 | 282441 | 20.00 | ng | | -0.09 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.37 | 112 | 830656 | 84.44 | ng | | -0.08 |
| 7) Phenol-d6 | 6.44 | 99 | 1022014 | 80.74 | ng | | -0.05 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 951400 | 80.72 | ng | | -0.07 |
| 41) 2,4,6-Tribromophenol | 10.61 | 330 | 148605 | 71.58 | ng | | -0.07 |
| 44) 2-Fluorobiphenyl | 9.15 | 172 | 1415155 | 89.31 | ng | | -0.07 |
| 78) Terphenyl-d14 | 12.89 | 244 | 1038655 | 82.85 | ng | | -0.08 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.29 | 88 | 218975 | 41.20 | ng | # | 85 |
| 3) Pyridine | 2.99 | 79 | 622090 | 46.02 | ng | | 88 |
| 4) n-Nitrosodimethylamine | 2.96 | 42 | 286246 | 45.10 | ng | | 86 |
| 6) Aniline | 6.45 | 93 | 671632 | 38.90 | ng | | 83 |
| 8) 2-Chlorophenol | 6.57 | 128 | 437416 | 40.30 | ng | | 88 |
| 9) Benzaldehyde | 6.33 | 77 | 324124 | 35.74 | ng | | 86 |
| 10) Phenol | 6.45 | 94 | 597691 | 40.36 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.52 | 93 | 474511 | 40.14 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 6.73 | 146 | 503709 | 39.63 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.81 | 146 | 501660m | 38.99 | ng | | |
| 14) 1,2-Dichlorobenzene | 6.96 | 146 | 478337 | 38.88 | ng | | 98 |
| 15) Benzyl Alcohol | 6.94 | 79 | 349505 | 37.30 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45 | 798823 | 38.90 | ng | | 85 |
| 17) 2-Methylphenol | 7.06 | 107 | 362406 | 38.92 | ng | | 94 |
| 18) Hexachloroethane | 7.30 | 117 | 170702 | 38.87 | ng | # | 85 |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70 | 309697 | 38.44 | ng | | 93 |
| 20) 3+4-Methylphenols | 7.22 | 107 | 488923 | 43.92 | ng | # | 75 |
| 22) Acetophenone | 7.21 | 105 | 619534 | 41.34 | ng | # | 97 |
| 24) Nitrobenzene | 7.38 | 77 | 520595 | 43.02 | ng | | 99 |
| 25) Isophorone | 7.62 | 82 | 907467 | 41.32 | ng | | 96 |
| 26) 2-Nitrophenol | 7.70 | 139 | 244397 | 42.48 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 7.74 | 122 | 416683 | 41.24 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93 | 574096 | 39.47 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 7.95 | 162 | 356618 | 37.85 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.02 | 180 | 385678 | 37.98 | ng | | 97 |
| 31) Naphthalene | 8.10 | 128 | 1293258 | 38.87 | ng | | 99 |
| 32) Benzoic acid | 7.88 | 122 | 198562 | 36.67 | ng | | 96 |
| 33) 4-Chloroaniline | 8.16 | 127 | 528381 | 40.49 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.21 | 225 | 206811 | 37.02 | ng | | 99 |
| 35) Caprolactam | 8.53 | 113 | 116616 | 39.35 | ng | # | 34 |
| 36) 4-Chloro-3-methylphenol | 8.65 | 107 | 388246 | 39.52 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.78 | 142 | 769839 | 36.04 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 368866 | 45.78 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.93 | 237 | 73427 | 20.20 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.07 | 196 | 226290 | 42.74 | ng | | 93 |
| 43) 2,4,5-Trichlorophenol | 9.12 | 196 | 246310 | 42.46 | ng | | 96 |
| 45) 1,1'-Biphenyl | 9.25 | 154 | 956129 | 46.00 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.28 | 162 | 758068 | 46.62 | ng | | 98 |
| 47) 2-Nitroaniline | 9.38 | 65 | 261025 | 47.74 | ng | | 94 |
| 48) Acenaphthylene | 9.69 | 152 | 1179713 | 42.00 | ng | | 99 |
| 49) Dimethylphthalate | 9.55 | 163 | 817573 | 42.28 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.62 | 165 | 174668 | 41.83 | ng | # | 57 |
| 51) Acenaphthene | 9.86 | 154 | 685640 | 40.83 | ng | | 96 |
| 52) 3-Nitroaniline | 9.79 | 138 | 204706 | 42.84 | ng | | 96 |
| 53) 2,4-Dinitrophenol | 9.92 | 184 | 33661 | 19.64 | ng | # | 72 |
| 54) Dibenzofuran | 10.03 | 168 | 891291 | 39.68 | ng | | 95 |
| 55) 4-Nitrophenol | 9.97 | 139 | 104421 | 30.34 | ng | # | 85 |
| 56) 2,4-Dinitrotoluene | 10.03 | 165 | 212788 | 38.28 | ng | # | 86 |
| 57) Fluorene | 10.37 | 166 | 774112 | 44.79 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.16 | 232 | 166246 | 42.96 | ng | | 95 |
| 59) Diethylphthalate | 10.25 | 149 | 829961 | 45.55 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.36 | 204 | 346310 | 41.71 | ng | | 89 |
| 61) 4-Nitroaniline | 10.41 | 138 | 223929 | 45.75 | ng | | 95 |
| 62) Azobenzene | 10.52 | 77 | 907328 | 48.20 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.44 | 198 | 80265 | 30.38 | ng | # | 51 |
| 65) n-Nitrosodiphenylamine | 10.49 | 169 | 673364 | 46.90 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.85 | 248 | 201088 | 42.82 | ng | # | 86 |
| 67) Hexachlorobenzene | 10.92 | 284 | 187505 | 40.41 | ng | | 96 |
| 68) Atrazine | 11.01 | 200 | 195899 | 42.52 | ng | | 99 |
| 69) Pentachlorophenol | 11.13 | 266 | 70100 | 33.83 | ng | | 97 |
| 70) Phenanthrene | 11.33 | 178 | 1034918 | 40.19 | ng | | 99 |
| 71) Anthracene | 11.38 | 178 | 997892 | 38.59 | ng | | 99 |
| 72) Carbazole | 11.54 | 167 | 967308 | 39.13 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.87 | 149 | 1190532 | 44.53 | ng | # | 97 |
| 74) Fluoranthene | 12.52 | 202 | 897146 | 33.78 | ng | | 93 |
| 76) Benzidine | 12.65 | 184 | 755090 | 60.15 | ng | | 98 |
| 77) Pyrene | 12.75 | 202 | 889612 | 40.35 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.36 | 149 | 380390 | 42.49 | ng | | 96 |
| 80) Benzo(a)anthracene | 13.94 | 228 | 693105 | 38.47 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.89 | 252 | 253642 | 39.49 | ng | | 98 |
| 82) Chrysene | 13.97 | 228 | 696973 | 41.32 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.92 | 149 | 534505 | 43.66 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.53 | 149 | 860031 | 43.14 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 16.74 | 276 | 637526 | 48.79 | ng | # | 93 |
| 87) Benzo(b)fluoranthene | 14.96 | 252 | 628889m | 33.83 | ng | | |
| 88) Benzo(k)fluoranthene | 14.99 | 252 | 690756m | 43.03 | ng | | |
| 89) Benzo(a)pyrene | 15.31 | 252 | 654201 | 40.68 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 16.75 | 278 | 558263 | 42.95 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.15 | 276 | 545540 | 41.55 | ng | # | 89 |

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

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