Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092831.D
Acq On : 7 Feb 2017 16:39
Operator : SJ/MA
Sample : PB96775BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Manual Integrations APPROVED
mohammad
2/8/2017 10:42:58 AM

Quant Time: Feb 08 00:03:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 23:52:21 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.91 | 152 | 175849 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.19 | 136 | 685465 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.95 | 164 | 358622 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.44 | 188 | 514490 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.08 | 240 | 392661 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.53 | 264 | 330235 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 1119230 | 109.19 | ng | | 0.01 |
| 7) Phenol-d6 | 6.56 | 99 | 1310266 | 99.35 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.48 | 82 | 896087 | 72.80 | ng | | 0.01 |
| 41) 2,4,6-Tribromophenol | 10.74 | 330 | 276639 | 106.65 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.28 | 172 | 1612578 | 81.46 | ng | | 0.01 |
| 78) Terphenyl-d14 | 13.03 | 244 | 1172264 | 70.15 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.56 | 88 | 137249 | 24.78 | ng | # | 84 |
| 3) Pyridine | 3.29 | 79 | 423776 | 30.09 | ng | # | 79 |
| 4) n-Nitrosodimethylamine | 3.24 | 42 | 214247 | 32.40 | ng | | 84 |
| 6) Aniline | 6.58 | 93 | 403619 | 22.44 | ng | # | 47 |
| 8) 2-Chlorophenol | 6.69 | 128 | 378946 | 33.51 | ng | | 86 |
| 9) Benzaldehyde | 6.45 | 77 | 164372 | 17.40 | ng | | 96 |
| 10) Phenol | 6.57 | 94 | 501131 | 32.48 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 6.65 | 93 | 399169 | 32.41 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.85 | 146 | 451894 | 34.12 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.92 | 146 | 426551 | 31.82 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.08 | 146 | 443970 | 34.64 | ng | | 96 |
| 15) Benzyl Alcohol | 7.06 | 79 | 354445 | 36.30 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.18 | 45 | 681793 | 31.86 | ng | | 96 |
| 17) 2-Methylphenol | 7.17 | 107 | 341662 | 35.22 | ng | | 97 |
| 18) Hexachloroethane | 7.42 | 117 | 131888 | 28.82 | ng | # | 84 |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70 | 264834 | 31.55 | ng | | 93 |
| 20) 3+4-Methylphenols | 7.32 | 107 | 413022 | 35.61 | ng | # | 67 |
| 22) Acetophenone | 7.32 | 105 | 519153 | 33.17 | ng | # | 94 |
| 24) Nitrobenzene | 7.49 | 77 | 405218 | 32.06 | ng | | 97 |
| 25) Isophorone | 7.73 | 82 | 772161 | 33.66 | ng | | 98 |
| 26) 2-Nitrophenol | 7.81 | 139 | 229135 | 38.14 | ng | | 87 |
| 27) 2,4-Dimethylphenol | 7.85 | 122 | 374530 | 35.49 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.94 | 93 | 494377 | 32.54 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.05 | 162 | 331862 | 33.72 | ng | | 89 |
| 30) 1,2,4-Trichlorobenzene | 8.13 | 180 | 351458 | 33.14 | ng | | 95 |
| 31) Naphthalene | 8.21 | 128 | 1067465 | 30.72 | ng | | 99 |
| 32) Benzoic acid | 7.97 | 122 | 207262 | 36.66 | ng | | 95 |
| 33) 4-Chloroaniline | 8.27 | 127 | 141173 | 10.36 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.33 | 225 | 187264 | 32.09 | ng | | 99 |
| 35) Caprolactam | 8.64 | 113 | 113309 | 36.60 | ng | # | 39 |
| 36) 4-Chloro-3-methylphenol | 8.76 | 107 | 384562 | 37.48 | ng | | 89 |
| 37) 2-Methylnaphthalene | 8.91 | 142 | 791065 | 35.46 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.07 | 216 | 323270 | 32.11 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.06 | 237 | 76341 | 16.81 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.18 | 196 | 239255 | 36.17 | ng | | 91 |
| 43) 2,4,5-Trichlorophenol | 9.23 | 196 | 245197 | 33.83 | ng | | 93 |
| 45) 1,1'-Biphenyl | 9.37 | 154 | 864922 | 33.31 | ng | | 96 |
| 46) 2-Chloronaphthalene | 9.40 | 162 | 738683 | 36.36 | ng | | 95 |
| 47) 2-Nitroaniline | 9.49 | 65 | 228152 | 33.40 | ng | | 96 |
| 48) Acenaphthylene | 9.81 | 152 | 1130209 | 32.21 | ng | | 99 |
| 49) Dimethylphthalate | 9.68 | 163 | 934254 | 38.68 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.73 | 165 | 174783 | 33.50 | ng | # | 72 |
| 51) Acenaphthene | 9.98 | 154 | 697457 | 33.24 | ng | | 96 |
| 52) 3-Nitroaniline | 9.90 | 138 | 124467 | 20.85 | ng | | 96 |
| 53) 2,4-Dinitrophenol | 10.02 | 184 | 53643 | 23.75 | ng | | 95 |
| 54) Dibenzofuran | 10.16 | 168 | 986357 | 35.15 | ng | | 94 |
| 55) 4-Nitrophenol | 10.09 | 139 | 323690 | 75.28 | ng | # | 68 |
| 56) 2,4-Dinitrotoluene | 10.14 | 165 | 262516 | 37.80 | ng | # | 85 |
| 57) Fluorene | 10.50 | 166 | 725707 | 33.61 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.28 | 232 | 188048 | 38.89 | ng | | 92 |
| 59) Diethylphthalate | 10.37 | 149 | 851579 | 37.41 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.49 | 204 | 340398 | 32.82 | ng | | 92 |
| 61) 4-Nitroaniline | 10.52 | 138 | 187395 | 30.65 | ng | | 87 |
| 62) Azobenzene | 10.65 | 77 | 836571 | 35.57 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 10.56 | 198 | 47364 | 16.95 | ng | | 94 |
| 65) n-Nitrosodiphenylamine | 10.61 | 169 | 708722 | 43.12 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.98 | 248 | 200869 | 37.37 | ng | | 98 |
| 67) Hexachlorobenzene | 11.05 | 284 | 184664 | 34.76 | ng | # | 88 |
| 68) Atrazine | 11.14 | 200 | 209026 | 39.63 | ng | | 97 |
| 69) Pentachlorophenol | 11.24 | 266 | 178712 | 66.51 | ng | | 96 |
| 70) Phenanthrene | 11.46 | 178 | 935871 | 31.75 | ng | | 98 |
| 71) Anthracene | 11.52 | 178 | 1101051 | 37.20 | ng | | 98 |
| 72) Carbazole | 11.66 | 167 | 882523 | 31.19 | ng | | 98 |
| 73) Di-n-butylphthalate | 12.00 | 149 | 1263825 | 41.30 | ng | # | 97 |
| 74) Fluoranthene | 12.65 | 202 | 890491 | 29.29 | ng | | 97 |
| 76) Benzidine | 12.77 | 184 | 540459 | 32.30 | ng | | 96 |
| 77) Pyrene | 12.88 | 202 | 895033 | 30.46 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.49 | 149 | 459656 | 38.52 | ng | | 86 |
| 80) Benzo(a)anthracene | 14.07 | 228 | 796934 | 33.18 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.03 | 252 | 308928 | 36.09 | ng | # | 95 |
| 82) Chrysene | 14.10 | 228 | 680572 | 30.27 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.05 | 149 | 635137 | 38.92 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 14.66 | 149 | 1026902 | 38.64 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.98 | 276 | 601653 | 34.54 | ng | | 95 |
| 87) Benzo(b)fluoranthene | 15.11 | 252 | 897465m | 41.29 | ng | | |
| 88) Benzo(k)fluoranthene | 15.14 | 252 | 532842m | 28.39 | ng | | |
| 89) Benzo(a)pyrene | 15.47 | 252 | 655807 | 34.88 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.99 | 278 | 516833 | 34.01 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.41 | 276 | 485961 | 31.66 | ng | # | 93 |

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

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