Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
Data File : BF095107.D
Acq On : 12 May 2017 9:07
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/12/2017 3:36:39 PM

Quant Time: May 12 13:55:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 131168 | 20.00 | ng | | -0.03 |
| 21) Naphthalene-d8 | 9.72 | 136 | 516213 | 20.00 | ng | | -0.03 |
| 38) Acenaphthene-d10 | 12.55 | 164 | 239293 | 20.00 | ng | | -0.03 |
| 63) Phenanthrene-d10 | 14.96 | 188 | 401521 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 18.63 | 240 | 286182 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 20.29 | 264 | 265021 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.64 | 112 | 601949 | 76.51 | ng | | -0.04 |
| 7) Phenol-d6 | 7.25 | 99 | 771326 | 81.71 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 8.61 | 82 | 681935 | 83.30 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 13.85 | 330 | 146378 | 74.69 | ng | | -0.03 |
| 44) 2-Fluorobiphenyl | 11.50 | 172 | 1248924 | 75.12 | ng | | -0.03 |
| 78) Terphenyl-d14 | 17.28 | 244 | 1091362 | 84.00 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.03 | 88 | 152258 | 39.46 | ng | | 93 |
| 3) Pyridine | 2.69 | 79 | 327967 | 36.67 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 2.63 | 42 | 128936 | 34.59 | ng | | 84 |
| 6) Aniline | 7.21 | 93 | 509415 | 42.75 | ng | | 95 |
| 8) 2-Chlorophenol | 7.40 | 128 | 374693 | 41.84 | ng | | 95 |
| 9) Benzaldehyde | 7.01 | 77 | 228579 | 39.66 | ng | | 98 |
| 10) Phenol | 7.27 | 94 | 395042 | 39.71 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 7.34 | 93 | 332882 | 40.54 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.60 | 146 | 407364 | 40.10 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.73 | 146 | 415379 | 40.32 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.96 | 146 | 391227 | 40.69 | ng | | 97 |
| 15) Benzyl Alcohol | 8.00 | 79 | 281016 | 46.28 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.19 | 45 | 444464 | 38.24 | ng | | 95 |
| 17) 2-Methylphenol | 8.21 | 107 | 294304 | 40.16 | ng | | 98 |
| 18) Hexachloroethane | 8.48 | 117 | 133471 | 38.25 | ng | # | 84 |
| 19) n-Nitroso-di-n-propylamine | 8.42 | 70 | 259625 | 40.67 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.47 | 107 | 405695 | 40.74 | ng | # | 59 |
| 22) Acetophenone | 8.38 | 105 | 503876 | 40.68 | ng | # | 85 |
| 24) Nitrobenzene | 8.64 | 77 | 344821 | 40.19 | ng | | 92 |
| 25) Isophorone | 9.04 | 82 | 610794 | 41.79 | ng | | 96 |
| 26) 2-Nitrophenol | 9.14 | 139 | 188177 | 40.64 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.28 | 122 | 308966 | 41.27 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 9.41 | 93 | 431137 | 42.64 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 9.57 | 162 | 297706 | 42.12 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 9.65 | 180 | 309978 | 40.93 | ng | | 99 |
| 31) Naphthalene | 9.76 | 128 | 1054149 | 40.63 | ng | | 100 |
| 32) Benzoic acid | 9.55 | 122 | 38744 | 12.13 | ng | | 96 |
| 33) 4-Chloroaniline | 9.90 | 127 | 385450 | 39.87 | ng | # | 93 |
| 34) Hexachlorobutadiene | 9.98 | 225 | 147457 | 36.90 | ng | | 98 |
| 35) Caprolactam | 10.53 | 113 | 89278m | 42.06 | ng | | |
| 36) 4-Chloro-3-methylphenol | 10.76 | 107 | 321359 | 42.52 | ng | | 91 |
| 37) 2-Methylnaphthalene | 10.88 | 142 | 714318 | 41.95 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 11.16 | 216 | 286794 | 38.97 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 11.14 | 237 | 77127 | 29.10 | ng | | 97 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 11.39 | 196 | 203549 | 41.43 | ng | | 96 |
| 43) 2,4,5-Trichlorophenol | 11.48 | 196 | 193280 | 36.60 | ng | # | 91 |
| 45) 1,1'-Biphenyl | 11.65 | 154 | 785064 | 38.97 | ng | | 98 |
| 46) 2-Chloronaphthalene | 11.67 | 162 | 587262 | 36.10 | ng | | 96 |
| 47) 2-Nitroaniline | 11.88 | 65 | 173290 | 38.92 | ng | # | 81 |
| 48) Acenaphthylene | 12.32 | 152 | 986008 | 38.70 | ng | | 99 |
| 49) Dimethylphthalate | 12.20 | 163 | 764627 | 38.92 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 12.29 | 165 | 163787 | 40.87 | ng | | 91 |
| 51) Acenaphthene | 12.61 | 154 | 597335 | 39.25 | ng | | 99 |
| 52) 3-Nitroaniline | 12.57 | 138 | 186154 | 43.28 | ng | | 90 |
| 53) 2,4-Dinitrophenol | 12.83 | 184 | 3786 | 7.83 | ng | # | 70 |
| 54) Dibenzofuran | 12.89 | 168 | 897875 | 42.63 | ng | | 98 |
| 55) 4-Nitrophenol | 12.98 | 139 | 79744m | 30.87 | ng | | |
| 56) 2,4-Dinitrotoluene | 12.97 | 165 | 230441 | 44.75 | ng | | 96 |
| 57) Fluorene | 13.45 | 166 | 701584 | 38.31 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 13.14 | 232 | 132019 | 39.72 | ng | # | 93 |
| 59) Diethylphthalate | 13.35 | 149 | 760178 | 40.37 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 13.48 | 204 | 323297 | 40.17 | ng | | 88 |
| 61) 4-Nitroaniline | 13.57 | 138 | 169316 | 42.88 | ng | | 97 |
| 62) Azobenzene | 13.74 | 77 | 624746 | 41.29 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 13.64 | 198 | 22602 | 8.40 | ng | # | 72 |
| 65) n-Nitrosodiphenylamine | 13.68 | 169 | 608119 | 41.73 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 14.26 | 248 | 168231 | 39.66 | ng | | 99 |
| 67) Hexachlorobenzene | 14.35 | 284 | 173275 | 39.86 | ng | # | 92 |
| 68) Atrazine | 14.61 | 200 | 167966 | 40.82 | ng | | 97 |
| 69) Pentachlorophenol | 14.71 | 266 | 36611 | 23.12 | ng | | 95 |
| 70) Phenanthrene | 14.99 | 178 | 917035 | 39.75 | ng | | 99 |
| 71) Anthracene | 15.08 | 178 | 965858 | 40.99 | ng | | 97 |
| 72) Carbazole | 15.37 | 167 | 932506 | 43.49 | ng | | 98 |
| 73) Di-n-butylphthalate | 15.93 | 149 | 1261973 | 47.20 | ng | | 98 |
| 74) Fluoranthene | 16.74 | 202 | 1007673 | 42.58 | ng | | 98 |
| 76) Benzidine | 16.97 | 184 | 204134 | 29.34 | ng | # | 94 |
| 77) Pyrene | 17.04 | 202 | 944973 | 44.15 | ng | | 100 |
| 79) Butylbenzylphthalate | 17.94 | 149 | 492001 | 49.42 | ng | # | 87 |
| 80) Benzo(a)anthracene | 18.62 | 228 | 689369 | 41.39 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 18.60 | 252 | 207288 | 36.03 | ng | # | 95 |
| 82) Chrysene | 18.67 | 228 | 664619 | 41.27 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 18.68 | 149 | 698547 | 49.25 | ng | # | 99 |
| 84) Di-n-octyl phthalate | 19.45 | 149 | 1067692 | 45.91 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 21.59 | 276 | 640705 | 48.99 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 19.89 | 252 | 606791 | 37.05 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 19.92 | 252 | 654825m | 41.45 | ng | | |
| 89) Benzo(a)pyrene | 20.24 | 252 | 587616 | 38.89 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 21.59 | 278 | 556471 | 44.59 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 21.96 | 276 | 572631 | 46.76 | ng | | 95 |

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

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