Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087655.D
Acq On : 4 Jun 2016 9:43
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:07 PM

Quant Time: Jun 05 01:10:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.86 | 152 | 113462 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.15 | 136 | 457228 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.91 | 164 | 222933 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.38 | 188 | 398573 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.02 | 240 | 310747 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.44 | 264 | 273073 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.45 | 112 | 591540 | 84.27 | ng | | 0.00 |
| 7) Phenol-d6 | 6.49 | 99 | 726560 | 82.53 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.43 | 82 | 624812 | 79.06 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.68 | 330 | 170666 | 76.27 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.23 | 172 | 1222392 | 83.77 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.97 | 244 | 959577 | 75.35 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.48 | 88 | 136755 | 40.30 | ng | # | 30 |
| 3) Pyridine | 3.19 | 79 | 384281 | 42.87 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.14 | 42 | 151472 | 40.00 | ng | | 99 |
| 6) Aniline | 6.52 | 93 | 505207 | 40.49 | ng | | 99 |
| 8) 2-Chlorophenol | 6.64 | 128 | 310944 | 38.49 | ng | | 99 |
| 9) Benzaldehyde | 6.41 | 77 | 245409 | 41.23 | ng | | 98 |
| 10) Phenol | 6.50 | 94 | 453252 | 45.21 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.59 | 93 | 273038 | 37.49 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.80 | 146 | 328032 | 37.93 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.88 | 146 | 343427 | 39.57 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.04 | 146 | 314182 | 38.62 | ng | | 100 |
| 15) Benzyl Alcohol | 7.00 | 79 | 273511 | 42.05 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45 | 427336 | 40.23 | ng | | 99 |
| 17) 2-Methylphenol | 7.11 | 107 | 260684 | 40.19 | ng | | 99 |
| 18) Hexachloroethane | 7.38 | 117 | 125523 | 41.36 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70 | 205238 | 37.33 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.27 | 107 | 293224 | 36.90 | ng | | 100 |
| 22) Acetophenone | 7.28 | 105 | 442159 | 42.70 | ng | | 99 |
| 24) Nitrobenzene | 7.45 | 77 | 344629 | 43.57 | ng | | 99 |
| 25) Isophorone | 7.69 | 82 | 578199 | 40.19 | ng | | 99 |
| 26) 2-Nitrophenol | 7.76 | 139 | 144869 | 39.42 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.80 | 122 | 321576 | 42.22 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.91 | 93 | 356563 | 39.07 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.00 | 162 | 249671 | 39.91 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.09 | 180 | 269689 | 41.17 | ng | | 99 |
| 31) Naphthalene | 8.17 | 128 | 898299 | 40.41 | ng | | 100 |
| 32) Benzoic acid | 7.92 | 122 | 209138 | 45.52 | ng | | 94 |
| 33) 4-Chloroaniline | 8.22 | 127 | 368966 | 38.21 | ng | | 100 |
| 34) Hexachlorobutadiene | 8.30 | 225 | 143968 | 42.27 | ng | | 99 |
| 35) Caprolactam | 8.59 | 113 | 80083 | 38.97 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 8.70 | 107 | 263035 | 40.65 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.87 | 142 | 578873 | 39.43 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 243126 | 39.57 | ng | # | 1 |
| 40) Hexachlorocyclopentadiene | 9.02 | 237 | 137672 | 38.09 | ng | | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.14 | 196 | 181690 | 39.16 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 9.18 | 196 | 186739 | 43.24 | ng | | 99 |
| 45) 1,1'-Biphenyl | 9.32 | 154 | 648419 | 35.84 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.35 | 162 | 522615 | 36.29 | ng | | 99 |
| 47) 2-Nitroaniline | 9.44 | 65 | 150082 | 37.01 | ng | | 99 |
| 48) Acenaphthylene | 9.77 | 152 | 903053 | 40.21 | ng | | 99 |
| 49) Dimethylphthalate | 9.63 | 163 | 666679 | 41.13 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.69 | 165 | 159227 | 43.18 | ng | | 92 |
| 51) Acenaphthene | 9.94 | 154 | 581879 | 40.27 | ng | | 100 |
| 52) 3-Nitroaniline | 9.85 | 138 | 155677 | 36.91 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 9.95 | 184 | 64419 | 40.51 | ng | | 99 |
| 54) Dibenzofuran | 10.11 | 168 | 810312 | 41.19 | ng | | 98 |
| 55) 4-Nitrophenol | 10.00 | 139 | 124334 | 34.49 | ng | | 98 |
| 56) 2,4-Dinitrotoluene | 10.09 | 165 | 215583 | 45.91 | ng | | 97 |
| 57) Fluorene | 10.44 | 166 | 567212 | 36.88 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.23 | 232 | 144816 | 38.93 | ng | # | 55 |
| 59) Diethylphthalate | 10.33 | 149 | 624528 | 38.37 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 10.44 | 204 | 242975 | 38.84 | ng | | 99 |
| 61) 4-Nitroaniline | 10.47 | 138 | 175516 | 43.29 | ng | | 98 |
| 62) Azobenzene | 10.60 | 77 | 681516 | 41.60 | ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198 | 85445 | 38.96 | ng | | 99 |
| 65) n-Nitrosodiphenylamine | 10.56 | 169 | 501529 | 38.42 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 10.94 | 248 | 174206 | 44.08 | ng | | 99 |
| 67) Hexachlorobenzene | 10.99 | 284 | 167233 | 37.84 | ng | | 99 |
| 68) Atrazine | 11.10 | 200 | 162946 | 42.14 | ng | | 99 |
| 69) Pentachlorophenol | 11.19 | 266 | 114886 | 43.75 | ng | | 99 |
| 70) Phenanthrene | 11.40 | 178 | 803427 | 37.18 | ng | | 100 |
| 71) Anthracene | 11.46 | 178 | 917088 | 42.35 | ng | | 100 |
| 72) Carbazole | 11.61 | 167 | 773835 | 37.75 | ng | | 100 |
| 73) Di-n-butylphthalate | 11.95 | 149 | 943583 | 42.94 | ng | | 100 |
| 74) Fluoranthene | 12.59 | 202 | 889177 | 41.81 | ng | | 99 |
| 76) Benzidine | 12.72 | 184 | 541619 | 44.20 | ng | | 99 |
| 77) Pyrene | 12.82 | 202 | 927987 | 41.94 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.45 | 149 | 422757 | 44.89 | ng | | 99 |
| 80) Benzo(a)anthracene | 14.01 | 228 | 720385 | 40.17 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.98 | 252 | 230917 | 45.64 | ng | | 98 |
| 82) Chrysene | 14.05 | 228 | 736276 | 41.25 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149 | 491745 | 43.88 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.62 | 149 | 860068 | 41.28 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.85 | 276 | 637143 | 43.18 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 15.04 | 252 | 750116m | 42.23 | ng | | |
| 88) Benzo(k)fluoranthene | 15.06 | 252 | 556950m | 37.68 | ng | | |
| 89) Benzo(a)pyrene | 15.38 | 252 | 608505 | 40.75 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.86 | 278 | 533660 | 42.00 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.26 | 276 | 538810 | 42.03 | ng | | 99 |

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

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