Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079892.D
Acq On : 11 Jun 2015 13:38
Operator : TP/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**
apatel
6/13/2015 8:43:13 AM

Quant Time: Jun 12 01:24:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 00:59:58 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 39922 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.68 | 136 | 168986 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 10.46 | 164 | 88661 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.98 | 188 | 194433 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 14.99 | 240 | 231855 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 16.93 | 264 | 220048 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.00 | 112 | 177611 | 74.54 | ng | 0.00 |
| 7) Phenol-d6 | 6.99 | 99 | 254396 | 81.62 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.95 | 82 | 210281 | 74.02 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.26 | 330 | 73290 | 92.62 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.76 | 172 | 486395 | 77.32 | ng | 0.00 |
| 78) Terphenyl-d14 | 13.69 | 244 | 785904 | 77.02 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 40438 | 37.11 | ng | 100 |
| 3) Pyridine | 4.12 | 79 | 94837 | 33.28 | ng | 100 |
| 4) n-Nitrosodimethylamine | 4.03 | 42 | 45884 | 32.27 | ng | 100 |
| 6) Aniline | 7.05 | 93 | 180962 | 40.31 | ng | 100 |
| 8) 2-Chlorophenol | 7.18 | 128 | 110887 | 40.42 | ng | 100 |
| 9) Benzaldehyde | 6.94 | 77 | 64145 | 35.81 | ng | 100 |
| 10) Phenol | 7.00 | 94 | 140333 | 41.97 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.11 | 93 | 113358 | 42.76 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.34 | 146 | 128276 | 40.91 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.42 | 146 | 131667 | 37.57 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.56 | 146 | 116998 | 38.47 | ng | 100 |
| 15) Benzyl Alcohol | 7.52 | 79 | 100046 | 40.15 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.66 | 45 | 162907 | 40.27 | ng | 100 |
| 17) 2-Methylphenol | 7.62 | 107 | 97123 | 41.50 | ng | 100 |
| 18) Hexachloroethane | 7.92 | 117 | 41278 | 37.72 | ng | 100 |
| 19) n-Nitroso-di-n-propylamine | 7.78 | 70 | 89768 | 40.67 | ng | 100 |
| 20) 3+4-Methylphenols | 7.77 | 107 | 126358 | 41.60 | ng | 100 |
| 22) Acetophenone | 7.79 | 105 | 166010 | 39.80 | ng | 100 |
| 24) Nitrobenzene | 7.96 | 77 | 112305 | 38.53 | ng | 100 |
| 25) Isophorone | 8.20 | 82 | 248409 | 40.55 | ng | 100 |
| 26) 2-Nitrophenol | 8.30 | 139 | 35561 | 31.87 | ng | 100 |
| 27) 2,4-Dimethylphenol | 8.31 | 122 | 105631 | 38.52 | ng | 100 |
| 28) bis(2-Chloroethoxy)methane | 8.41 | 93 | 145707 | 39.72 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.52 | 162 | 89791 | 38.71 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.63 | 180 | 113841 | 38.24 | ng | 100 |
| 31) Naphthalene | 8.71 | 128 | 376000 | 41.61 | ng | 100 |
| 32) Benzoic acid | 8.36 | 122 | 38864 | 46.85 | ng | 100 |
| 33) 4-Chloroaniline | 8.74 | 127 | 149048m | 40.95 | ng | |
| 34) Hexachlorobutadiene | 8.83 | 225 | 61832 | 37.91 | ng | 100 |
| 35) Caprolactam | 9.08 | 113 | 32577 | 46.35 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 9.21 | 107 | 109226 | 42.85 | ng | 100 |
| 37) 2-Methylnaphthalene | 9.40 | 142 | 252696 | 39.52 | ng | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.58 | 216 | 117534 | 38.37 | ng | 100 |
| 40) Hexachlorocyclopentadiene | 9.56 | 237 | 41311 | 29.28 | ng | 100 |

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|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.68 | 196 | 76852 | 41.09 | ng | 100 |
| 43) 2,4,5-Trichlorophenol | 9.71 | 196 | 84962 | 43.33 | ng | 100 |
| 45) 1,1'-Biphenyl | 9.86 | 154 | 283464 | 38.81 | ng | 100 |
| 46) 2-Chloronaphthalene | 9.90 | 162 | 241390 | 40.08 | ng | 100 |
| 47) 2-Nitroaniline | 9.98 | 65 | 49224 | 37.59 | ng | 100 |
| 48) Acenaphthylene | 10.32 | 152 | 415891 | 40.44 | ng | 100 |
| 49) Dimethylphthalate | 10.15 | 163 | 282994 | 40.50 | ng | 100 |
| 50) 2,6-Dinitrotoluene | 10.22 | 165 | 51577 | 42.31 | ng | 100 |
| 51) Acenaphthene | 10.49 | 154 | 232818 | 39.08 | ng | 100 |
| 52) 3-Nitroaniline | 10.39 | 138 | 62230 | 41.64 | ng | 100 |
| 53) 2,4-Dinitrophenol | 10.49 | 184 | 6929 | 26.50 | ng | 100 |
| 54) Dibenzofuran | 10.66 | 168 | 345554 | 41.11 | ng | 100 |
| 55) 4-Nitrophenol | 10.52 | 139 | 43398 | 40.33 | ng | 100 |
| 56) 2,4-Dinitrotoluene | 10.63 | 165 | 66529 | 42.98 | ng | 100 |
| 57) Fluorene | 11.02 | 166 | 312446 | 41.86 | ng | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.78 | 232 | 67095 | 46.01 | ng | 100 |
| 59) Diethylphthalate | 10.86 | 149 | 295954 | 43.07 | ng | 100 |
| 60) 4-Chlorophenyl-phenylether | 10.99 | 204 | 133606 | 41.24 | ng | 100 |
| 61) 4-Nitroaniline | 11.01 | 138 | 67533 | 45.59 | ng | 100 |
| 62) Azobenzene | 11.15 | 77 | 280276 | 41.67 | ng | 100 |
| 64) 4,6-Dinitro-2-methylphenol | 11.04 | 198 | 15640 | 29.84 | ng | 100 |
| 65) n-Nitrosodiphenylamine | 11.11 | 169 | 258922 | 39.82 | ng | 100 |
| 66) 4-Bromophenyl-phenylether | 11.50 | 248 | 91181 | 40.09 | ng | 100 |
| 67) Hexachlorobenzene | 11.58 | 284 | 99759 | 42.14 | ng | 100 |
| 68) Atrazine | 11.63 | 200 | 85231 | 45.58 | ng | 100 |
| 69) Pentachlorophenol | 11.77 | 266 | 38563 | 43.77 | ng | 100 |
| 70) Phenanthrene | 12.00 | 178 | 483942 | 41.23 | ng | 100 |
| 71) Anthracene | 12.06 | 178 | 465349 | 41.04 | ng | 100 |
| 72) Carbazole | 12.21 | 167 | 465462 | 43.48 | ng | 100 |
| 73) Di-n-butylphthalate | 12.54 | 149 | 503683 | 45.40 | ng | 100 |
| 74) Fluoranthene | 13.28 | 202 | 544462 | 44.13 | ng | 100 |
| 76) Benzidine | 13.39 | 184 | 251207 | 37.27 | ng | 100 |
| 77) Pyrene | 13.54 | 202 | 565157 | 39.37 | ng | 100 |
| 79) Butylbenzylphthalate | 14.25 | 149 | 210052 | 42.90 | ng | 100 |
| 80) Benzo(a)anthracene | 14.98 | 228 | 563015 | 40.88 | ng | 100 |
| 81) 3,3'-Dichlorobenzidine | 14.93 | 252 | 194572 | 44.69 | ng | 100 |
| 82) Chrysene | 15.03 | 228 | 532317 | 41.21 | ng | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 14.96 | 149 | 335424 | 44.00 | ng | 100 |
| 84) Di-n-octyl phthalate | 15.78 | 149 | 561882 | 46.84 | ng | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 18.86 | 276 | 603625 | 43.81 | ng | 100 |
| 87) Benzo(b)fluoranthene | 16.38 | 252 | 523267 | 40.00 | ng | 100 |
| 88) Benzo(k)fluoranthene | 16.41 | 252 | 577316 | 42.40 | ng | 100 |
| 89) Benzo(a)pyrene | 16.85 | 252 | 514346 | 41.61 | ng | 100 |
| 90) Dibenzo(a,h)anthracene | 18.88 | 278 | 487048 | 42.62 | ng | 100 |
| 91) Benzo(g,h,i)perylene | 19.43 | 276 | 503675 | 41.68 | ng | 100 |

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

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