Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081286.D
Acq On : 29 Aug 2015 22:59
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

**Manual Integrations APPROVED**
MMDadoda
8/31/2015 1:59:13 PM

Quant Time: Aug 31 02:19:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 00:56:51 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.48 | 152 | 65525 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.77 | 136 | 266482 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.52 | 164 | 128106 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 10.98 | 188 | 241564 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.60 | 240 | 192560 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 14.92 | 264 | 135183 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.04 | 112 | 367697 | 84.40 | ng | | 0.01 |
| 7) Phenol-d6 | 6.15 | 99 | 456154 | 80.25 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.06 | 82 | 431513 | 73.97 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.31 | 330 | 84191 | 75.82 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.86 | 172 | 687611 | 70.33 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.57 | 244 | 727266 | 80.97 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.85 | 88 | 83352 | 40.60 | ng | # | 89 |
| 3) Pyridine | 2.43 | 79 | 255779 | 44.14 | ng | # | 82 |
| 4) n-Nitrosodimethylamine | 2.41 | 42 | 127613 | 39.56 | ng | # | 77 |
| 6) Aniline | 6.15 | 93 | 318240 | 38.51 | ng | # | 71 |
| 8) 2-Chlorophenol | 6.26 | 128 | 188857 | 39.61 | ng | | 94 |
| 9) Benzaldehyde | 6.02 | 77 | 148118 | 40.42 | ng | | 97 |
| 10) Phenol | 6.16 | 94 | 297364 | 44.30 | ng | # | 76 |
| 11) bis(2-Chloroethyl)ether | 6.24 | 93 | 217478 | 42.22 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.42 | 146 | 217516 | 42.45 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.50 | 146 | 221529 | 43.66 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.65 | 146 | 164616 | 34.67 | ng | | 97 |
| 15) Benzyl Alcohol | 6.65 | 79 | 195497 | 42.51 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.79 | 45 | 393971 | 38.92 | ng | | 96 |
| 17) 2-Methylphenol | 6.77 | 107 | 171508 | 41.92 | ng | | 96 |
| 18) Hexachloroethane | 6.99 | 117 | 84607 | 41.27 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 6.93 | 70 | 156563 | 39.76 | ng | | 90 |
| 20) 3+4-Methylphenols | 6.94 | 107 | 218934 | 42.16 | ng | # | 40 |
| 22) Acetophenone | 6.91 | 105 | 286385 | 40.94 | ng | # | 85 |
| 24) Nitrobenzene | 7.09 | 77 | 268507 | 44.02 | ng | | 94 |
| 25) Isophorone | 7.33 | 82 | 441848 | 40.62 | ng | | 99 |
| 26) 2-Nitrophenol | 7.39 | 139 | 94325 | 37.19 | ng | | 89 |
| 27) 2,4-Dimethylphenol | 7.45 | 122 | 169584 | 37.79 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 7.55 | 93 | 261199 | 40.64 | ng | # | 98 |
| 29) 2,4-Dichlorophenol | 7.65 | 162 | 158660 | 42.00 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 7.71 | 180 | 162528 | 38.71 | ng | | 97 |
| 31) Naphthalene | 7.79 | 128 | 544118 | 36.63 | ng | | 99 |
| 32) Benzoic acid | 7.62 | 122 | 119223 | 47.23 | ng | | 90 |
| 33) 4-Chloroaniline | 7.86 | 127 | 246913 | 39.40 | ng | # | 82 |
| 34) Hexachlorobutadiene | 7.92 | 225 | 99603 | 41.95 | ng | | 96 |
| 35) Caprolactam | 8.26 | 113 | 54782 | 41.49 | ng | # | 44 |
| 36) 4-Chloro-3-methylphenol | 8.35 | 107 | 167071 | 37.11 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.49 | 142 | 360787m | 38.45 | ng | | |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.65 | 216 | 142517 | 34.48 | ng | # | 97 |
| 40) Hexachlorocyclopentadiene | 8.64 | 237 | 81071 | 37.90 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.78 | 196 | 109816 | 37.61 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 8.81 | 196 | 111379 | 38.17 | ng | # | 90 |
| 45) 1,1'-Biphenyl | 8.95 | 154 | 369922 | 32.78 | ng | | 95 |
| 46) 2-Chloronaphthalene | 8.97 | 162 | 330222 | 36.43 | ng | | 94 |
| 47) 2-Nitroaniline | 9.07 | 65 | 124974 | 33.69 | ng | | 96 |
| 48) Acenaphthylene | 9.38 | 152 | 595125 | 36.70 | ng | | 99 |
| 49) Dimethylphthalate | 9.27 | 163 | 363129 | 34.42 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.33 | 165 | 87235 | 38.51 | ng | # | 84 |
| 51) Acenaphthene | 9.55 | 154 | 341596 | 35.19 | ng | | 100 |
| 52) 3-Nitroaniline | 9.49 | 138 | 96556 | 34.06 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 9.60 | 184 | 34109 | 32.29 | ng | # | 64 |
| 54) Dibenzofuran | 9.73 | 168 | 469792 | 36.11 | ng | | 99 |
| 55) 4-Nitrophenol | 9.67 | 139 | 73290 | 36.81 | ng | # | 71 |
| 56) 2,4-Dinitrotoluene | 9.73 | 165 | 115947 | 38.62 | ng | # | 88 |
| 57) Fluorene | 10.06 | 166 | 319421 | 31.92 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.85 | 232 | 80393 | 35.59 | ng | | 96 |
| 59) Diethylphthalate | 9.97 | 149 | 437421 | 39.17 | ng | # | 94 |
| 60) 4-Chlorophenyl-phenylether | 10.06 | 204 | 151361 | 35.74 | ng | | 96 |
| 61) 4-Nitroaniline | 10.10 | 138 | 100956 | 34.85 | ng | | 93 |
| 62) Azobenzene | 10.22 | 77 | 439012 | 34.12 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.14 | 198 | 56498 | 39.16 | ng | # | 53 |
| 65) n-Nitrosodiphenylamine | 10.18 | 169 | 300550 | 34.85 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.55 | 248 | 97773 | 41.20 | ng | # | 94 |
| 67) Hexachlorobenzene | 10.61 | 284 | 103728 | 43.16 | ng | | 93 |
| 68) Atrazine | 10.72 | 200 | 89000 | 37.04 | ng | | 99 |
| 69) Pentachlorophenol | 10.80 | 266 | 20770 | 14.40 | ng | | 98 |
| 70) Phenanthrene | 11.01 | 178 | 474016 | 33.11 | ng | | 99 |
| 71) Anthracene | 11.06 | 178 | 569304 | 40.87 | ng | | 100 |
| 72) Carbazole | 11.22 | 167 | 523479 | 39.03 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.57 | 149 | 639558 | 39.41 | ng | | 98 |
| 74) Fluoranthene | 12.18 | 202 | 540450 | 34.98 | ng | | 94 |
| 76) Benzidine | 12.32 | 184 | 309453 | 42.54 | ng | | 99 |
| 77) Pyrene | 12.41 | 202 | 614294 | 39.24 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.05 | 149 | 298359 | 44.34 | ng | # | 80 |
| 80) Benzo(a)anthracene | 13.59 | 228 | 495614 | 38.38 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.57 | 252 | 158025 | 37.78 | ng | | 99 |
| 82) Chrysene | 13.62 | 228 | 373257 | 32.07 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.61 | 149 | 370838 | 43.03 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 14.22 | 149 | 651046 | 49.70 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 16.07 | 276 | 333645 | 40.83 | ng | # | 94 |
| 87) Benzo(b)fluoranthene | 14.58 | 252 | 442213m | 46.25 | ng | | |
| 88) Benzo(k)fluoranthene | 14.61 | 252 | 300884m | 33.77 | ng | | |
| 89) Benzo(a)pyrene | 14.87 | 252 | 321792 | 38.62 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 16.08 | 278 | 276147 | 42.54 | ng | # | 95 |
| 91) Benzo(g,h,i)perylene | 16.41 | 276 | 271376 | 41.20 | ng | # | 94 |

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

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