Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079910.D
Acq On : 12 Jun 2015 00:00
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
apatel
6/13/2015 8:44:16 AM

Quant Time: Jun 12 09:14:45 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 08:55:39 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 46096 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.68 | 136 | 189094 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.46 | 164 | 97037 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.96 | 188 | 217058 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 14.85 | 240 | 240248 | 20.00 | ng | | -0.15 |
| 86) Perylene-d12 | 16.71 | 264 | 228069 | 20.00 | ng | | -0.22 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.00 | 112 | 197705 | 78.65 | ng | | 0.00 |
| 7) Phenol-d6 | 6.99 | 99 | 279904 | 81.73 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.95 | 82 | 240426 | 83.89 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.26 | 330 | 73471 | 76.43 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.76 | 172 | 540978 | 78.07 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.61 | 244 | 799862 | 76.76 | ng | | -0.08 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.32 | 88 | 41986 | 36.71 | ng | | 97 |
| 3) Pyridine | 4.11 | 79 | 128073 | 43.70 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 4.03 | 42 | 55296 | 38.29 | ng | # | 95 |
| 6) Aniline | 7.05 | 93 | 194111 | 39.16 | ng | | 99 |
| 8) 2-Chlorophenol | 7.18 | 128 | 122690 | 40.16 | ng | | 97 |
| 9) Benzaldehyde | 6.94 | 77 | 72375 | 36.76 | ng | | 98 |
| 10) Phenol | 7.00 | 94 | 158157 | 41.99 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.11 | 93 | 122538 | 40.43 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.34 | 146 | 143165 | 40.17 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.42 | 146 | 142501 | 38.49 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.56 | 146 | 127287 | 38.71 | ng | | 99 |
| 15) Benzyl Alcohol | 7.52 | 79 | 107818 | 39.26 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.66 | 45 | 177318 | 39.50 | ng | | 99 |
| 17) 2-Methylphenol | 7.62 | 107 | 106755 | 39.99 | ng | | 98 |
| 18) Hexachloroethane | 7.92 | 117 | 45347 | 39.56 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.78 | 70 | 96860 | 39.58 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.77 | 107 | 137659 | 40.35 | ng | | 99 |
| 22) Acetophenone | 7.79 | 105 | 183586 | 41.11 | ng | | 99 |
| 24) Nitrobenzene | 7.96 | 77 | 124495 | 40.84 | ng | | 98 |
| 25) Isophorone | 8.20 | 82 | 267065 | 40.04 | ng | | 99 |
| 26) 2-Nitrophenol | 8.30 | 139 | 39912 | 37.88 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 8.31 | 122 | 116564 | 39.00 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 8.41 | 93 | 154919 | 39.12 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.52 | 162 | 101944 | 40.72 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.63 | 180 | 123643 | 38.86 | ng | | 98 |
| 31) Naphthalene | 8.71 | 128 | 414043 | 40.06 | ng | | 99 |
| 32) Benzoic acid | 8.36 | 122 | 35224m | 33.35 | ng | | |
| 33) 4-Chloroaniline | 8.74 | 127 | 169666m | 42.29 | ng | | |
| 34) Hexachlorobutadiene | 8.82 | 225 | 67386 | 38.15 | ng | | 95 |
| 35) Caprolactam | 9.08 | 113 | 34716 | 43.84 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 9.21 | 107 | 118637 | 41.48 | ng | | 97 |
| 37) 2-Methylnaphthalene | 9.40 | 142 | 283289 | 40.57 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.58 | 216 | 125606 | 38.65 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.56 | 237 | 50921 | 44.59 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.68 | 196 | 79699 | 39.80 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.71 | 196 | 94503 | 42.75 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.86 | 154 | 313509 | 39.92 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.90 | 162 | 270258 | 40.42 | ng | | 99 |
| 47) 2-Nitroaniline | 9.98 | 65 | 59999 | 42.33 | ng | | 95 |
| 48) Acenaphthylene | 10.32 | 152 | 462197 | 40.95 | ng | | 100 |
| 49) Dimethylphthalate | 10.15 | 163 | 302126 | 38.86 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 10.22 | 165 | 59929 | 42.55 | ng | | 92 |
| 51) Acenaphthene | 10.49 | 154 | 253581 | 39.53 | ng | | 99 |
| 52) 3-Nitroaniline | 10.39 | 138 | 69597 | 40.76 | ng | | 94 |
| 53) 2,4-Dinitrophenol | 10.49 | 184 | 8646 | 45.56 | ng | | 80 |
| 54) Dibenzofuran | 10.66 | 168 | 375358 | 40.05 | ng | | 98 |
| 55) 4-Nitrophenol | 10.52 | 139 | 51580 | 42.80 | ng | | 87 |
| 56) 2,4-Dinitrotoluene | 10.63 | 165 | 69091 | 37.83 | ng | | 95 |
| 57) Fluorene | 11.02 | 166 | 321318 | 39.33 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.78 | 232 | 74823 | 44.66 | ng | | 97 |
| 59) Diethylphthalate | 10.86 | 149 | 322051 | 41.43 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.99 | 204 | 146913 | 40.27 | ng | | 94 |
| 61) 4-Nitroaniline | 11.00 | 138 | 77480 | 43.11 | ng | | 93 |
| 62) Azobenzene | 11.15 | 77 | 310258 | 41.48 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 11.04 | 198 | 19967 | 42.33 | ng | | 95 |
| 65) n-Nitrosodiphenylamine | 11.11 | 169 | 286870 | 40.94 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 11.50 | 248 | 92393 | 37.98 | ng | # | 92 |
| 67) Hexachlorobenzene | 11.58 | 284 | 105604 | 39.80 | ng | # | 92 |
| 68) Atrazine | 11.62 | 200 | 81649 | 37.86 | ng | | 91 |
| 69) Pentachlorophenol | 11.76 | 266 | 42508 | 38.64 | ng | | 96 |
| 70) Phenanthrene | 11.99 | 178 | 513813 | 39.72 | ng | | 100 |
| 71) Anthracene | 12.04 | 178 | 503299 | 40.21 | ng | | 99 |
| 72) Carbazole | 12.19 | 167 | 472347 | 38.91 | ng | | 99 |
| 73) Di-n-butylphthalate | 12.51 | 149 | 495293 | 37.45 | ng | | 99 |
| 74) Fluoranthene | 13.22 | 202 | 557795 | 39.00 | ng | | 97 |
| 76) Benzidine | 13.34 | 184 | 281108 | 42.25 | ng | | 99 |
| 77) Pyrene | 13.47 | 202 | 585271 | 38.79 | ng | | 100 |
| 79) Butylbenzylphthalate | 14.14 | 149 | 214416 | 42.08 | ng | # | 86 |
| 80) Benzo(a)anthracene | 14.83 | 228 | 583911 | 38.27 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 14.78 | 252 | 193535 | 39.68 | ng | | 99 |
| 82) Chrysene | 14.88 | 228 | 556961 | 41.18 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.80 | 149 | 336497 | 41.26 | ng | | 99 |
| 84) Di-n-octyl phthalate | 15.57 | 149 | 543651 | 40.88 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 18.61 | 276 | 641321 | 40.14 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 16.16 | 252 | 546017 | 39.07 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 16.19 | 252 | 596828 | 41.88 | ng | | 99 |
| 89) Benzo(a)pyrene | 16.63 | 252 | 536222 | 40.35 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 18.63 | 278 | 509799 | 39.02 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 19.18 | 276 | 519489 | 38.43 | ng | | 99 |

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

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