Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079889.D
Acq On : 11 Jun 2015 12:10
Operator : TP/IZ
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

**Manual Integrations APPROVED**
apatel
6/13/2015 8:43:00 AM

Quant Time: Jun 12 08:48:18 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 | 47833 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.68 | 136 | 186053 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.46 | 164 | 94264 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.98 | 188 | 199682 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 15.07 | 240 | 219262 | 20.00 | ng | | 0.08 |
| 86) Perylene-d12 | 17.04 | 264 | 204611 | 20.00 | ng | | 0.11 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.00 | 112 | 13028 | 4.56 | ng | | 0.00 |
| 7) Phenol-d6 | 6.99 | 99 | 16005 | 4.29 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.94 | 82 | 11116 | 3.55 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 11.26 | 330 | 2915 | 3.46 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.76 | 172 | 35714 | 5.34 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.73 | 244 | 49733 | 5.15 | ng | | 0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.37 | 88 | 3397 | 2.60 | ng | # | 80 |
| 3) Pyridine | 4.22 | 79 | 7748m | 2.27 | ng | | |
| 4) n-Nitrosodimethylamine | 4.08 | 42 | 3428 | 2.01 | ng | # | 80 |
| 6) Aniline | 7.05 | 93 | 11914 | 2.21 | ng | | 96 |
| 8) 2-Chlorophenol | 7.18 | 128 | 7674 | 2.33 | ng | | 99 |
| 9) Benzaldehyde | 6.94 | 77 | 5445 | 2.54 | ng | | 97 |
| 10) Phenol | 7.00 | 94 | 9384 | 2.34 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.11 | 93 | 7751 | 2.44 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.34 | 146 | 9083 | 2.42 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.42 | 146 | 9672 | 2.30 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.56 | 146 | 8319 | 2.28 | ng | | 98 |
| 15) Benzyl Alcohol | 7.52 | 79 | 6543 | 2.19 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.66 | 45 | 11695 | 2.41 | ng | | 96 |
| 17) 2-Methylphenol | 7.62 | 107 | 6667 | 2.38 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.78 | 70 | 6052 | 2.29 | ng | # | 97 |
| 20) 3+4-Methylphenols | 7.77 | 107 | 8407 | 2.31 | ng | | 98 |
| 22) Acetophenone | 7.79 | 105 | 10274 | 2.24 | ng | # | 95 |
| 24) Nitrobenzene | 7.96 | 77 | 6696 | 2.09 | ng | | 98 |
| 25) Isophorone | 8.20 | 82 | 16612 | 2.46 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 8.31 | 122 | 8163 | 2.70 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 8.41 | 93 | 9402 | 2.33 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 8.52 | 162 | 5539 | 2.17 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.63 | 180 | 7937 | 2.42 | ng | | 99 |
| 31) Naphthalene | 8.71 | 128 | 26887 | 2.70 | ng | | 99 |
| 33) 4-Chloroaniline | 8.74 | 127 | 9470m | 2.36 | ng | | |
| 34) Hexachlorobutadiene | 8.83 | 225 | 4386 | 2.44 | ng | | 95 |
| 35) Caprolactam | 9.06 | 113 | 1766 | 2.28 | ng | # | 67 |
| 36) 4-Chloro-3-methylphenol | 9.21 | 107 | 6347 | 2.26 | ng | | 97 |
| 37) 2-Methylnaphthalene | 9.40 | 142 | 17206 | 2.44 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.58 | 216 | 7754 | 2.38 | ng | | 96 |
| 42) 2,4,6-Trichlorophenol | 9.68 | 196 | 3979 | 2.00 | ng | | 92 |
| 43) 2,4,5-Trichlorophenol | 9.71 | 196 | 4919 | 2.36 | ng | | 94 |
| 45) 1,1'-Biphenyl | 9.86 | 154 | 18487 | 2.38 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.90 | 162 | 16687 | 2.61 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 48) Acenaphthylene | 10.32 | 152 | 27596 | 2.52 | ng | | 96 |
| 49) Dimethylphthalate | 10.15 | 163 | 19178 | 2.58 | ng | | 99 |
| 51) Acenaphthene | 10.49 | 154 | 15537 | 2.45 | ng | | 99 |
| 54) Dibenzofuran | 10.66 | 168 | 23061 | 2.58 | ng | | 99 |
| 57) Fluorene | 11.02 | 166 | 19607 | 2.47 | ng | | 98 |
| 59) Diethylphthalate | 10.86 | 149 | 19266 | 2.64 | ng | | 93 |
| 60) 4-Chlorophenyl-phenylether | 10.99 | 204 | 9214 | 2.68 | ng | | 94 |
| 62) Azobenzene | 11.15 | 77 | 16987 | 2.38 | ng | | 98 |
| 65) n-Nitrosodiphenylamine | 11.11 | 169 | 16499 | 2.47 | ng | | 95 |
| 66) 4-Bromophenyl-phenylether | 11.50 | 248 | 5808 | 2.49 | ng | # | 85 |
| 67) Hexachlorobenzene | 11.58 | 284 | 6050 | 2.49 | ng | # | 81 |
| 68) Atrazine | 11.63 | 200 | 4330 | 2.25 | ng | | 96 |
| 70) Phenanthrene | 12.01 | 178 | 31052 | 2.58 | ng | | 97 |
| 71) Anthracene | 12.06 | 178 | 28750 | 2.47 | ng | | 99 |
| 72) Carbazole | 12.22 | 167 | 28219 | 2.57 | ng | | 99 |
| 73) Di-n-butylphthalate | 12.55 | 149 | 28291 | 2.48 | ng | # | 98 |
| 74) Fluoranthene | 13.31 | 202 | 36291 | 2.86 | ng | | 96 |
| 76) Benzidine | 13.43 | 184 | 15228 | 2.39 | ng | | 98 |
| 77) Pyrene | 13.58 | 202 | 38061 | 2.80 | ng | | 97 |
| 80) Benzo(a)anthracene | 15.05 | 228 | 45986 | 3.53 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 14.99 | 252 | 11076 | 2.69 | ng | # | 97 |
| 82) Chrysene | 15.10 | 228 | 48787 | 3.99 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 15.04 | 149 | 14604 | 2.03 | ng | | 98 |
| 84) Di-n-octyl phthalate | 15.90 | 149 | 22989 | 2.03 | ng | # | 84 |
| 85) Indeno(1,2,3-cd)pyrene | 18.97 | 276 | 137042 | 10.52 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 16.48 | 252 | 55177 | 4.54 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 16.51 | 252 | 67569 | 5.34 | ng | | 99 |
| 89) Benzo(a)pyrene | 16.96 | 252 | 71810 | 6.25 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 18.99 | 278 | 123670 | 11.64 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 19.54 | 276 | 112911 | 10.05 | ng | | 95 |

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

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