Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
Data File : BE091701.D
Acq On : 26 Apr 2016 12:48
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC1.6

**Manual Integrations APPROVED**
sohil
4/27/2016 7:03:09 PM

Quant Time: Apr 26 14:04:26 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 13:13:58 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 40036 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.57 | 136 | 184850 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.42 | 164 | 108995 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.15 | 188 | 265419 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.31 | 240 | 319045 | 5.00 | ng | | 0.00 |
| 35) Perylene-d12 | 23.75 | 264 | 304560 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.39 | 112 | 14377 | 1.62 | ng | | 0.00 |
| 5) Phenol-d6 | 6.95 | 99 | 19061 | 1.59 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.95 | 82 | 17697 | 1.80 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.90 | 330 | 5043m | 1.98 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.04 | 172 | 45803 | 1.52 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.76 | 244 | 78210 | 1.55 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.35 | 88 | 7107 | 1.44 | ng | | 91 |
| 3) n-Nitrosodimethylamine | 3.64 | 42 | 10731 | 1.87 | ng | | 93 |
| 6) bis(2-Chloroethyl)ether | 7.21 | 93 | 17255 | 1.60 | ng | # | 76 |
| 9) Nitrobenzene | 8.99 | 77 | 18515 | 1.88 | ng | | 95 |
| 10) Naphthalene | 10.61 | 128 | 56056 | 1.49 | ng | | 96 |
| 11) Hexachlorobutadiene | 10.92 | 225 | 8047m | 1.49 | ng | | |
| 12) 2-Methylnaphthalene | 12.24 | 142 | 35970 | 1.49 | ng | # | 87 |
| 16) Acenaphthylene | 14.12 | 152 | 66169 | 1.52 | ng | # | 87 |
| 17) Acenaphthene | 14.47 | 154 | 41463 | 1.55 | ng | | 92 |
| 18) Fluorene | 15.46 | 166 | 51322 | 1.54 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.33 | 248 | 14251 | 1.57 | ng | | 99 |
| 21) Hexachlorobenzene | 16.45 | 284 | 14871 | 1.53 | ng | | 98 |
| 22) Pentachlorophenol | 16.79 | 266 | 6984 | 2.21 | ng | | 90 |
| 23) Phenanthrene | 17.18 | 178 | 92727 | 1.56 | ng | | 100 |
| 24) Anthracene | 17.28 | 178 | 86539 | 1.63 | ng | | 99 |
| 25) Fluoranthene | 19.19 | 202 | 101729 | 1.73 | ng | | 97 |
| 27) Benzidine | 19.38 | 184 | 32283 | 1.73 | ng | # | 76 |
| 28) Pyrene | 19.55 | 202 | 112938 | 1.53 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.29 | 228 | 111839 | 1.44 | ng | | 93 |
| 31) 3,3'-Dichlorobenzidine | 21.22 | 252 | 68036 | 2.09 | ng | # | 83 |
| 32) Chrysene | 21.34 | 228 | 132978m | 1.57 | ng | | |
| 33) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 34240 | 2.30 | ng | # | 89 |
| 34) Indeno(1,2,3-cd)pyrene | 26.31 | 276 | 114711 | 1.52 | ng | | 96 |
| 36) Benzo(b)fluoranthene | 23.00 | 252 | 108111 | 1.48 | ng | | 97 |
| 37) Benzo(k)fluoranthene | 23.04 | 252 | 107262 | 1.49 | ng | | 97 |
| 38) Benzo(a)pyrene | 23.63 | 252 | 98494 | 1.56 | ng | | 97 |
| 39) Dibenzo(a,h)anthracene | 26.33 | 278 | 95923 | 1.48 | ng | | 95 |
| 40) Benzo(g,h,i)perylene | 27.09 | 276 | 94583 | 1.42 | ng | | 96 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
Data File : BE091701.D
Acq On : 26 Apr 2016 12:48
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 26 14:04:26 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 13:13:58 2016
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

**Manual Integrations APPROVED**
sohil
4/27/2016 7:03:09 PM