Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
Data File : BE091643.D
Acq On : 12 Apr 2016 00:15
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDCCC0.4EC

**Manual Integrations APPROVED**
Sohil
4/12/2016 5:33:36 PM

Quant Time: Apr 12 15:50:52 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 42741 | 5.00 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.57 | 136 | 210613 | 5.00 | ng | | -0.02 |
| 13) Acenaphthene-d10 | 14.42 | 164 | 130343 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.15 | 188 | 349792 | 5.00 | ng | | -0.01 |
| 26) Chrysene-d12 | 21.31 | 240 | 417724 | 5.00 | ng | | 0.00 |
| 35) Perylene-d12 | 23.75 | 264 | 369656 | 5.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.41 | 112 | 4035 | 0.40 | ng | | 0.00 |
| 5) Phenol-d6 | 6.97 | 99 | 5413 | 0.40 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.96 | 82 | 4834 | 0.40 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.90 | 330 | 1424m | 0.53 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.05 | 172 | 14256 | 0.39 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.76 | 244 | 22908 | 0.44 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.35 | 88 | 2025 | 0.35 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 3.64 | 42 | 2533 | 0.39 | ng | | 93 |
| 6) bis(2-Chloroethyl)ether | 7.23 | 93 | 4606 | 0.39 | ng | # | 77 |
| 9) Nitrobenzene | 9.00 | 77 | 4927 | 0.48 | ng | | 95 |
| 10) Naphthalene | 10.63 | 128 | 17078 | 0.39 | ng | | 99 |
| 11) Hexachlorobutadiene | 10.92 | 225 | 2539m | 0.40 | ng | | |
| 12) 2-Methylnaphthalene | 12.24 | 142 | 11102 | 0.40 | ng | | 99 |
| 16) Acenaphthylene | 14.14 | 152 | 20259 | 0.40 | ng | # | 82 |
| 17) Acenaphthene | 14.47 | 154 | 13189 | 0.41 | ng | | 91 |
| 18) Fluorene | 15.46 | 166 | 15744 | 0.39 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.34 | 248 | 4416 | 0.36 | ng | | 97 |
| 21) Hexachlorobenzene | 16.46 | 284 | 4759 | 0.37 | ng | | 98 |
| 22) Pentachlorophenol | 16.81 | 266 | 1589 | 0.45 | ng | | 92 |
| 23) Phenanthrene | 17.19 | 178 | 29499 | 0.37 | ng | | 99 |
| 24) Anthracene | 17.29 | 178 | 26546 | 0.38 | ng | | 99 |
| 25) Fluoranthene | 19.21 | 202 | 31301 | 0.37 | ng | | 97 |
| 27) Benzidine | 19.38 | 184 | 9645 | 0.55 | ng | # | 79 |
| 28) Pyrene | 19.55 | 202 | 32684 | 0.39 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.29 | 228 | 40213m | 0.43 | ng | | |
| 31) 3,3'-Dichlorobenzidine | 21.24 | 252 | 19807 | 0.44 | ng | # | 77 |
| 32) Chrysene | 21.34 | 228 | 38627m | 0.46 | ng | | |
| 33) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 12812 | 0.44 | ng | # | 79 |
| 34) Indeno(1,2,3-cd)pyrene | 26.32 | 276 | 37436 | 0.40 | ng | | 96 |
| 36) Benzo(b)fluoranthene | 23.00 | 252 | 33710m | 0.39 | ng | | |
| 37) Benzo(k)fluoranthene | 23.06 | 252 | 37457m | 0.44 | ng | | |
| 38) Benzo(a)pyrene | 23.65 | 252 | 31855 | 0.40 | ng | | 98 |
| 39) Dibenzo(a,h)anthracene | 26.34 | 278 | 30218 | 0.38 | ng | | 98 |
| 40) Benzo(g,h,i)perylene | 27.10 | 276 | 31645 | 0.39 | ng | | 96 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
Data File : BE091643.D
Acq On : 12 Apr 2016 00:15
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 15:50:52 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

**Manual Integrations APPROVED**
Sohil
4/12/2016 5:33:36 PM