Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060716\
Data File : BE091895.D
Acq On : 8 Jun 2016 3:11
Operator : UM/SJ
Sample : PB91033BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB91033BS

Quant Time: Jun 08 14:38:48 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 08 14:06:06 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 22673 | 5.00 | ng | | 0.00 |
| 8) Naphthalene-d8 | 10.55 | 136 | 97455 | 5.00 | ng | | 0.00 |
| 15) Acenaphthene-d10 | 14.38 | 164 | 57354 | 5.00 | ng | | 0.00 |
| 24) Phenanthrene-d10 | 17.12 | 188 | 145632 | 5.00 | ng | | 0.00 |
| 31) Chrysene-d12 | 21.27 | 240 | 143342 | 5.00 | ng | | -0.03 |
| 40) Perylene-d12 | 23.71 | 264 | 187510 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.37 | 112 | 34156 | 7.06 | ng | | 0.00 |
| 5) Phenol-d6 | 6.94 | 99 | 48340 | 8.07 | ng | | -0.02 |
| 9) Nitrobenzene-d5 | 8.91 | 82 | 31076 | 4.24 | ng | | -0.02 |
| 16) 2,4,6-Tribromophenol | 15.87 | 330 | 16329 | 9.99 | ng | | -0.02 |
| 17) 2-Fluorobiphenyl | 13.01 | 172 | 68889 | 3.96 | ng | | 0.00 |
| 34) Terphenyl-d14 | 19.74 | 244 | 119752 | -5.00 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.30 | 88 | 8894 | 2.96 | ng | | 90 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 12909 | 3.40 | ng | | 99 |
| 6) bis(2-Chloroethyl)ether | 7.20 | 93 | 23025 | 3.55 | ng | | 98 |
| 7) n-Nitroso-di-n-propylamine | 8.54 | 70 | 19030 | 3.71 | ng | # | 93 |
| 10) Nitrobenzene | 8.96 | 77 | 26253 | 3.93 | ng | # | 66 |
| 11) bis(2-Chloroethoxy)methane | 9.95 | 93 | 38036 | 3.85 | ng | # | 39 |
| 12) Naphthalene | 10.59 | 128 | 78224 | 3.72 | ng | | 98 |
| 13) Hexachlorobutadiene | 10.88 | 225 | 11584 | 3.70 | ng | | 99 |
| 14) 2-Methylnaphthalene | 12.20 | 142 | 55795 | 4.11 | ng | | 99 |
| 18) Acenaphthylene | 14.10 | 152 | 96515 | 3.72 | ng | # | 91 |
| 19) 2,6-Dinitrotoluene | 13.96 | 165 | 15683 | 4.04 | ng | | 96 |
| 20) Acenaphthene | 14.44 | 154 | 64760 | 4.08 | ng | | 92 |
| 21) 2,4-Dinitrotoluene | 14.76 | 165 | 18114 | 4.08 | ng | # | 1 |
| 22) Fluorene | 15.42 | 166 | 75969 | 3.92 | ng | | 100 |
| 23) 4-Chlorophenyl-phenylether | 15.42 | 204 | 36196 | 3.80 | ng | | 97 |
| 25) 4-Bromophenyl-phenylether | 16.31 | 248 | 21472 | 4.10 | ng | | 96 |
| 26) Hexachlorobenzene | 16.44 | 284 | 22397 | 4.18 | ng | | 98 |
| 27) Pentachlorophenol | 16.78 | 266 | 23911 | 8.03 | ng | | 93 |
| 28) Phenanthrene | 17.16 | 178 | 138239 | 4.10 | ng | | 99 |
| 29) Anthracene | 17.25 | 178 | 131499 | 4.38 | ng | | 100 |
| 30) Fluoranthene | 19.17 | 202 | 170891 | 4.69 | ng | | 98 |
| 32) Benzidine | 19.36 | 184 | 65969 | 5.69 | ng | # | 94 |
| 33) Pyrene | 19.53 | 202 | 186511 | 5.16 | ng | | 99 |
| 35) Benzo(a)anthracene | 21.27 | 228 | 844261m | 4.92 | ng | | |
| 36) 3,3'-Dichlorobenzidine | 21.21 | 252 | 49961 | 4.32 | ng | # | 99 |
| 37) Chrysene | 21.30 | 228 | 232609m | 1.59 | ng | | |
| 38) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 76455 | 2.95 | ng | # | 100 |
| 39) Indeno(1,2,3-cd)pyrene | 26.27 | 276 | 205310 | 4.70 | ng | # | 75 |
| 41) Benzo(b)fluoranthene | 22.97 | 252 | 192568 | 4.20 | ng | | 98 |
| 42) Benzo(k)fluoranthene | 23.02 | 252 | 200356 | 4.21 | ng | | 95 |
| 43) Benzo(a)pyrene | 23.59 | 252 | 186775 | 4.35 | ng | # | 95 |
| 44) Dibenzo(a,h)anthracene | 26.29 | 278 | 175442 | 4.38 | ng | # | 93 |
| 45) Benzo(g,h,i)perylene | 27.05 | 276 | 176456 | 4.20 | ng | # | 93 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060716\
Data File : BE091895.D
Acq On : 8 Jun 2016 3:11
Operator : UM/SJ
Sample : PB91033BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB91033BS

Quant Time: Jun 08 14:38:48 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 08 14:06:06 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060716\
Data File : BE091895.D
Acq On : 8 Jun 2016 3:11
Operator : UM/SJ
Sample : PB91033BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB91033BS

Quant Time: Jun 08 14:38:48 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 08 14:06:06 2016
Response via : Initial Calibration