Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060319\
Data File : BE099786.D
Acq On : 3 Jun 2019 15:00
Operator : JU/SJ
Sample : PB120277BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB120277BSD

Quant Time: Jun 03 19:11:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 1763 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.60 | 136 | 5798 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.47 | 164 | 3910 | 0.40 | ng | | -0.02 |
| 19) Phenanthrene-d10 | 17.23 | 188 | 11413 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.41 | 240 | 16732 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.94 | 264 | 19782 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.37 | 112 | 1528 | 0.34 | ng | | 0.00 |
| 5) Phenol-d6 | 6.96 | 99 | 1876 | 0.32 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 8.96 | 82 | 1565 | 0.31 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 4483 | 0.45 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.98 | 330 | 569 | 0.33 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.10 | 172 | 5011 | 0.34 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.26 | 212 | 51912 | 0.33 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.86 | 244 | 11125 | 0.37 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 676 | 0.259 | ng | # | 23 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 446 | 0.310 | ng | # | 77 |
| 6) bis(2-Chloroethyl)ether | 7.23 | 93 | 1580 | 0.301 | ng | | 96 |
| 9) Naphthalene | 10.65 | 128 | 20832 | 0.336 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.93 | 225 | 1589 | 0.348 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.28 | 142 | 3355 | 0.332 | ng | | 96 |
| 16) Acenaphthylene | 14.20 | 152 | 5989 | 0.329 | ng | | 99 |
| 17) Acenaphthene | 14.54 | 154 | 3318 | 0.324 | ng | | 97 |
| 18) Fluorene | 15.51 | 166 | 4742 | 0.315 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.41 | 248 | 2084 | 0.317 | ng | # | 89 |
| 21) Hexachlorobenzene | 16.52 | 284 | 2266 | 0.337 | ng | | 100 |
| 22) Pentachlorophenol | 16.91 | 266 | 472 | 0.408 | ng | | 98 |
| 23) Phenanthrene | 17.27 | 178 | 8863 | 0.318 | ng | | 100 |
| 24) Anthracene | 17.36 | 178 | 7895 | 0.312 | ng | | 100 |
| 26) Fluoranthene | 19.29 | 202 | 14421 | 0.327 | ng | | 99 |
| 28) Pyrene | 19.65 | 202 | 14856 | 0.353 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.39 | 228 | 18399 | 0.387 | ng | | 99 |
| 31) Chrysene | 21.45 | 228 | 18342 | 0.361 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 18119 | 0.331 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.63 | 276 | 22320 | 0.364 | ng | # | 94 |
| 35) Benzo(b)fluoranthene | 23.16 | 252 | 18147 | 0.335 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 23.21 | 252 | 19849 | 0.351 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.83 | 252 | 18025 | 0.346 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 26.67 | 278 | 18156 | 0.331 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 27.46 | 276 | 19378 | 0.350 | ng | | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060319\
Data File : BE099786.D
Acq On : 3 Jun 2019 15:00
Operator : JU/SJ
Sample : PB120277BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB120277BSD

Quant Time: Jun 03 19:11:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration