Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091317\
Data File : BE093985.D
Acq On : 13 Sep 2017 12:35
Operator : SJ/JU
Sample : PB102256BS
Misc :
ALS Vial : 6 Sample Multiplier: 2

**Instrument :**
BNA_E
**ClientSampleId :**
PB102256BS

**Manual Integrations APPROVED**
Sohil
9/14/2017 5:50:28 PM

Quant Time: Sep 14 02:41:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 3019 | 0.80 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.71 | 136 | 13547 | 0.80 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.53 | 164 | 7758 | 0.80 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.27 | 188 | 17238 | 0.80 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.43 | 240 | 22713 | 0.80 | ng | | 0.00 |
| 34) Perylene-d12 | 23.94 | 264 | 17299 | 0.80 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.53 | 112 | 2058 | 0.42 | ng | | 0.00 |
| 5) Phenol-d6 | 7.11 | 99 | 2762 | 0.38 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.08 | 82 | 2562 | 0.45 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.30 | 152 | 4917 | 0.45 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 546 | 0.45 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.16 | 172 | 6435 | 0.42 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.29 | 212 | 54714 | 0.43 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.87 | 244 | 10244 | 0.49 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.44 | 88 | 983 | 0.472 | ng | # | 1 |
| 3) n-Nitrosodimethylamine | 3.75 | 42 | 1127 | 0.462 | ng | | 97 |
| 6) bis(2-Chloroethyl)ether | 7.34 | 93 | 2332 | 0.389 | ng | | 91 |
| 9) Naphthalene | 10.76 | 128 | 31509 | 0.406 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.02 | 225 | 1151 | 0.408 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.37 | 142 | 5205 | 0.404 | ng | | 98 |
| 16) Acenaphthylene | 14.24 | 152 | 7545 | 0.390 | ng | | 100 |
| 17) Acenaphthene | 14.58 | 154 | 5319 | 0.407 | ng | | 97 |
| 18) Fluorene | 15.58 | 166 | 6880 | 0.408 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.45 | 248 | 2036 | 0.308 | ng | # | 78 |
| 21) Hexachlorobenzene | 16.58 | 284 | 1682 | 0.331 | ng | # | 100 |
| 22) Pentachlorophenol | 16.94 | 266 | 774 | 0.566 | ng | | 96 |
| 23) Phenanthrene | 17.30 | 178 | 12173m | 0.239 | ng | | |
| 24) Anthracene | 17.40 | 178 | 11005m | 0.419 | ng | | |
| 26) Fluoranthene | 19.32 | 202 | 14779 | 0.385 | ng | | 100 |
| 28) Pyrene | 19.67 | 202 | 15141 | 0.387 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 13611 | 0.390 | ng | | 98 |
| 31) Chrysene | 21.46 | 228 | 14216 | 0.385 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 28187 | 0.333 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.61 | 276 | 8259 | 0.336 | ng | | 94 |
| 35) Benzo(b)fluoranthene | 23.16 | 252 | 11014 | 0.400 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.21 | 252 | 13944 | 0.413 | ng | | 96 |
| 37) Benzo(a)pyrene | 23.82 | 252 | 11450 | 0.408 | ng | | 97 |
| 38) Dibenzo(a,h)anthracene | 26.63 | 278 | 6019 | 0.324 | ng | | 93 |
| 39) Benzo(g,h,i)perylene | 27.42 | 276 | 7321 | 0.373 | ng | | 98 |

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091317\
Data File : BE093985.D
Acq On : 13 Sep 2017 12:35
Operator : SJ/JU
Sample : PB102256BS
Misc :
ALS Vial : 6 Sample Multiplier: 2

Quant Time: Sep 14 02:41:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
PB102256BS

**Manual Integrations APPROVED**
Sohil
9/14/2017 5:50:28 PM