Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE120117\
Data File : BE094903.D
Acq On : 1 Dec 2017 13:44
Operator : SJ/JU
Sample : PB104097BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB104097BS

Quant Time: Dec 01 14:38:16 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.48 | 152 | 8409 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 11.33 | 136 | 18488 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 15.06 | 164 | 9293 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.77 | 188 | 21322 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.88 | 240 | 21758 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.56 | 264 | 17640 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.96 | 112 | 3192 | 0.24 | ng | | 0.00 |
| 5) Phenol-d6 | 7.59 | 99 | 4586 | 0.23 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.65 | 82 | 2946 | 0.27 | ng | | -0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.86 | 152 | 6562 | 0.22 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.53 | 330 | 320 | 0.24 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.71 | 172 | 9779 | 0.25 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.75 | 212 | 60822 | 0.21 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.33 | 244 | 11397 | 0.28 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.68 | 88 | 1765 | 0.201 | ng | # | 1 |
| 3) n-Nitrosodimethylamine | 4.02 | 42 | 2959 | 0.264 | ng | # | 79 |
| 6) bis(2-Chloroethyl)ether | 7.87 | 93 | 4966 | 0.254 | ng | | 98 |
| 9) Naphthalene | 11.38 | 128 | 54422 | 0.251 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.64 | 225 | 2366 | 0.259 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.94 | 142 | 13575 | 0.252 | ng | | 100 |
| 16) Acenaphthylene | 14.79 | 152 | 12097 | 0.230 | ng | | 98 |
| 17) Acenaphthene | 15.12 | 154 | 8092 | 0.238 | ng | | 96 |
| 18) Fluorene | 16.10 | 166 | 10151 | 0.235 | ng | # | 80 |
| 20) 4-Bromophenyl-phenylether | 16.97 | 248 | 3097 | 0.260 | ng | # | 78 |
| 21) Hexachlorobenzene | 17.09 | 284 | 3095 | 0.267 | ng | # | 80 |
| 22) Pentachlorophenol | 17.41 | 266 | 1187 | 0.442 | ng | # | 68 |
| 23) Phenanthrene | 17.82 | 178 | 16931 | 0.249 | ng | | 98 |
| 24) Anthracene | 17.91 | 178 | 18071 | 0.251 | ng | # | 91 |
| 26) Fluoranthene | 19.78 | 202 | 19919 | 0.228 | ng | | 99 |
| 28) Pyrene | 20.13 | 202 | 22535 | 0.300 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.85 | 228 | 16920 | 0.254 | ng | # | 62 |
| 31) Chrysene | 21.92 | 228 | 18698 | 0.254 | ng | # | 64 |
| 32) Bis(2-ethylhexyl)phthalate | 21.76 | 149 | 22111 | 0.200 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 27.43 | 276 | 16553 | 0.274 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.73 | 252 | 16097 | 0.250 | ng | # | 42 |
| 36) Benzo(k)fluoranthene | 23.78 | 252 | 15725 | 0.240 | ng | # | 41 |
| 37) Benzo(a)pyrene | 24.43 | 252 | 14136 | 0.250 | ng | # | 35 |
| 38) Dibenzo(a,h)anthracene | 27.46 | 278 | 13828 | 0.265 | ng | # | 42 |
| 39) Benzo(g,h,i)perylene | 28.32 | 276 | 14384 | 0.276 | ng | # | 52 |

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE120117\
Data File : BE094903.D
Acq On : 1 Dec 2017 13:44
Operator : SJ/JU
Sample : PB104097BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB104097BS

Quant Time: Dec 01 14:38:16 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration