Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050917\
Data File : BE092962.D
Acq On : 9 May 2017 13:32
Operator : SJ/MA
Sample : PB98776BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB98776BS

Quant Time: May 09 17:13:41 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 15:34:16 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 1057 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.53 | 136 | 3961 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.39 | 164 | 1717 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.13 | 188 | 3502 | 0.40 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.28 | 240 | 3839 | 0.40 | ng | | 0.00 |
| 33) Perylene-d12 | 23.70 | 264 | 3436 | 0.40 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.36 | 112 | 815 | 0.35 | ng | | 0.01 |
| 5) Phenol-d6 | 6.94 | 99 | 938 | 0.28 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 82 | 840 | 0.31 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.13 | 152 | 1711 | 0.29 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.88 | 330 | 92 | 0.34 | ng | | 0.01 |
| 15) 2-Fluorobiphenyl | 13.01 | 172 | 1976 | 0.25 | ng | | 0.00 |
| 24) Fluoranthene-d10 | 19.15 | 212 | 2306 | 0.28 | ng | | 0.00 |
| 28) Terphenyl-d14 | 19.74 | 244 | 1622 | 0.24 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.32 | 88 | 389 | 0.19 | ng | # | 78 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 457 | 0.29 | ng | # | 86 |
| 6) bis(2-Chloroethyl)ether | 7.20 | 93 | 948 | 0.24 | ng | | 99 |
| 9) Naphthalene | 10.58 | 128 | 2703 | 0.26 | ng | # | 89 |
| 10) Hexachlorobutadiene | 10.89 | 225 | 404 | 0.28 | ng | | 93 |
| 12) 2-Methylnaphthalene | 12.19 | 142 | 1604 | 0.25 | ng | | 95 |
| 16) Acenaphthylene | 14.10 | 152 | 7405 | 0.27 | ng | | 99 |
| 17) Acenaphthene | 14.45 | 154 | 1382 | 0.25 | ng | | 96 |
| 18) Fluorene | 15.44 | 166 | 1590 | 0.24 | ng | | 100 |
| 20) Hexachlorobenzene | 16.47 | 284 | 449 | 0.30 | ng | # | 100 |
| 21) Pentachlorophenol | 16.81 | 266 | 192 | 0.66 | ng | # | 83 |
| 22) Phenanthrene | 17.18 | 178 | 2690 | 0.27 | ng | | 97 |
| 23) Anthracene | 17.27 | 178 | 2083 | 0.28 | ng | | 98 |
| 25) Fluoranthene | 19.17 | 202 | 11742 | 0.28 | ng | # | 95 |
| 27) Pyrene | 19.53 | 202 | 12322 | 0.25 | ng | # | 99 |
| 29) Benzo(a)anthracene | 21.27 | 228 | 2256 | 0.25 | ng | # | 85 |
| 30) Chrysene | 21.32 | 228 | 3144 | 0.27 | ng | # | 86 |
| 31) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 737 | 0.30 | ng | # | 98 |
| 32) Indeno(1,2,3-cd)pyrene | 26.24 | 276 | 13540 | 0.33 | ng | | 99 |
| 34) Benzo(b)fluoranthene | 22.96 | 252 | 3083 | 0.27 | ng | # | 88 |
| 35) Benzo(k)fluoranthene | 23.01 | 252 | 3031 | 0.27 | ng | # | 83 |
| 36) Benzo(a)pyrene | 23.58 | 252 | 2540 | 0.28 | ng | # | 79 |
| 37) Dibenzo(a,h)anthracene | 26.27 | 278 | 2648 | 0.26 | ng | # | 83 |
| 38) Benzo(g,h,i)perylene | 27.00 | 276 | 12716 | 0.29 | ng | # | 83 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050917\
Data File : BE092962.D
Acq On : 9 May 2017 13:32
Operator : SJ/MA
Sample : PB98776BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB98776BS

Quant Time: May 09 17:13:41 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 15:34:16 2017
Response via : Initial Calibration