Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091015\
Data File : BE090760.D
Acq On : 10 Sep 2015 14:29
Operator : UM/IZ
Sample : PB85478BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB85478BSD

Quant Time: Sep 11 02:51:49 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.55 | 152 | 44418 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.30 | 136 | 202309 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.17 | 164 | 105621 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 16.91 | 188 | 243499 | 5.00 | ng | | 0.00 |
| 25) Chrysene-d12 | 21.07 | 240 | 319065 | 5.00 | ng | | 0.00 |
| 32) Perylene-d12 | 23.36 | 264 | 268498 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.18 | 112 | 69272 | 8.00 | ng | | 0.00 |
| 5) Phenol-d6 | 6.74 | 99 | 107492 | 8.69 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.69 | 82 | 55473 | 4.15 | ng | | -0.01 |
| 13) 2,4,6-Tribromophenol | 15.67 | 330 | 24268 | 7.83 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 12.79 | 172 | 111865 | 3.82 | ng | | 0.00 |
| 27) Terphenyl-d14 | 19.53 | 244 | 162588 | 4.61 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.15 | 88 | 22642 | 3.88 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.45 | 42 | 27571 | 3.48 | ng | # | 94 |
| 8) Nitrobenzene | 8.73 | 77 | 59011 | 3.62 | ng | | 98 |
| 9) Naphthalene | 10.35 | 128 | 152511 | 3.46 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.65 | 225 | 23050 | 3.34 | ng | | 100 |
| 11) 2-Methylnaphthalene | 11.97 | 142 | 96466 | 4.04 | ng | | 99 |
| 15) Acenaphthylene | 13.88 | 152 | 640813 | 3.80 | ng | | 100 |
| 16) Acenaphthene | 14.23 | 154 | 100489 | 3.56 | ng | | 91 |
| 17) Fluorene | 15.22 | 166 | 127501 | 3.62 | ng | | 96 |
| 19) 4-Bromophenyl-phenylether | 16.11 | 248 | 33192 | 4.00 | ng | | 95 |
| 20) Hexachlorobenzene | 16.23 | 284 | 159323 | 4.00 | ng | | 98 |
| 21) Pentachlorophenol | 16.58 | 266 | 24513 | 7.29 | ng | | 96 |
| 22) Phenanthrene | 16.94 | 178 | 228839 | 3.80 | ng | | 99 |
| 23) Anthracene | 17.05 | 178 | 215855 | 4.28 | ng | | 100 |
| 24) Fluoranthene | 18.96 | 202 | 258961 | 4.08 | ng | | 99 |
| 26) Pyrene | 19.32 | 202 | 290582 | 4.40 | ng | | 99 |
| 28) Benzo(a)anthracene | 21.05 | 228 | 286450 | 4.09 | ng | | 100 |
| 29) Chrysene | 21.11 | 228 | 296660 | 4.02 | ng | | 99 |
| 30) Bis(2-ethylhexyl)phthalate | 21.00 | 149 | 83768 | 3.73 | ng | | 100 |
| 31) Indeno(1,2,3-cd)pyrene | 25.72 | 276 | 287093 | 3.81 | ng | | 99 |
| 33) Benzo(b)fluoranthene | 22.66 | 252 | 250888 | 4.31 | ng | | 98 |
| 34) Benzo(k)fluoranthene | 22.71 | 252 | 288779 | 4.26 | ng | | 99 |
| 35) Benzo(a)pyrene | 23.25 | 252 | 234679 | 4.51 | ng | | 100 |
| 36) Dibenzo(a,h)anthracene | 25.74 | 278 | 236290 | 3.76 | ng | | 100 |
| 37) Benzo(g,h,i)perylene | 26.44 | 276 | 245598 | 4.10 | ng | | 99 |

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

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