Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112316\
Data File : BE092573.D
Acq On : 23 Nov 2016 11:01
Operator : UM/SJ
Sample : PB94794BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB94794BS

**Manual Integrations APPROVED**
Umangi
11/23/2016 6:12:59 PM

Quant Time: Nov 23 16:02:52 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.14 | 152 | 8956 | 5.00 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.93 | 136 | 40905 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.80 | 164 | 25668 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.56 | 188 | 46514 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.72 | 240 | 65829 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 24.08 | 264 | 58114 | 5.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.65 | 112 | 16290 | 10.77 | ng | | -0.02 |
| 5) Phenol-d6 | 7.31 | 99 | 23780 | 9.40 | ng | | -0.05 |
| 8) Nitrobenzene-d5 | 9.32 | 82 | 11207 | 4.23 | ng | | -0.05 |
| 13) 2,4,6-Tribromophenol | 16.28 | 330 | 5565 | 9.66 | ng | | -0.02 |
| 14) 2-Fluorobiphenyl | 13.41 | 172 | 25698 | 4.11 | ng | | -0.02 |
| 26) Terphenyl-d14 | 20.16 | 244 | 31230 | 4.15 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.39 | 88 | 3936 | 3.72 | ng | # | 53 |
| 3) n-Nitrosodimethylamine | 3.73 | 42 | 6114 | 4.11 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 7.56 | 93 | 10789 | 3.96 | ng | | 87 |
| 9) Naphthalene | 10.97 | 128 | 33140 | 3.93 | ng | # | 95 |
| 10) Hexachlorobutadiene | 11.26 | 225 | 4949 | 3.85 | ng | | 99 |
| 11) 2-Methylnaphthalene | 12.60 | 142 | 21944 | 4.08 | ng | | 94 |
| 15) Acenaphthylene | 14.51 | 152 | 143086 | 4.00 | ng | | 100 |
| 16) Acenaphthene | 14.85 | 154 | 21459 | 3.68 | ng | | 91 |
| 17) Fluorene | 15.84 | 166 | 28589 | 3.96 | ng | | 99 |
| 19) Hexachlorobenzene | 16.86 | 284 | 8912 | 4.85 | ng | # | 64 |
| 20) Pentachlorophenol | 17.21 | 266 | 5956 | 7.09 | ng | # | 86 |
| 21) Phenanthrene | 17.58 | 178 | 48315 | 4.64 | ng | # | 94 |
| 22) Anthracene | 17.67 | 178 | 46449 | 4.74 | ng | | 99 |
| 23) Fluoranthene | 19.58 | 202 | 207325 | 4.27 | ng | | 100 |
| 25) Pyrene | 19.95 | 202 | 214748 | 4.10 | ng | | 99 |
| 27) Benzo(a)anthracene | 21.70 | 228 | 250621m | 4.04 | ng | | |
| 28) Chrysene | 21.75 | 228 | 221311m | 3.96 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.61 | 149 | 18294 | 4.30 | ng | # | 74 |
| 30) Indeno(1,2,3-cd)pyrene | 26.55 | 276 | 285618 | 4.67 | ng | | 97 |
| 32) Benzo(b)fluoranthene | 23.35 | 252 | 58134 | 4.12 | ng | # | 97 |
| 33) Benzo(k)fluoranthene | 23.39 | 252 | 55668 | 3.77 | ng | | 95 |
| 34) Benzo(a)pyrene | 23.96 | 252 | 56161 | 4.31 | ng | # | 94 |
| 35) Dibenzo(a,h)anthracene | 26.56 | 278 | 59609 | 4.62 | ng | | 96 |
| 36) Benzo(g,h,i)perylene | 27.31 | 276 | 249425 | 4.56 | ng | | 97 |

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

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