Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120916\
Data File : BE092592.D
Acq On : 9 Dec 2016 14:09
Operator : UM/SJ
Sample : PB95153BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB95153BSD

**Manual Integrations APPROVED**
sohil
12/12/2016 6:47:08 PM

Quant Time: Dec 09 23:23:36 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 | 10937 | 5.00 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.93 | 136 | 47588 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.80 | 164 | 28895 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.56 | 188 | 50849 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.72 | 240 | 65229 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 24.08 | 264 | 56771 | 5.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.65 | 112 | 20693 | 11.20 | ng | | -0.02 |
| 5) Phenol-d6 | 7.31 | 99 | 30337 | 9.81 | ng | | -0.04 |
| 8) Nitrobenzene-d5 | 9.32 | 82 | 13831 | 4.49 | ng | | -0.04 |
| 13) 2,4,6-Tribromophenol | 16.28 | 330 | 6553 | 10.11 | ng | | -0.02 |
| 14) 2-Fluorobiphenyl | 13.41 | 172 | 32079 | 4.55 | ng | | -0.02 |
| 26) Terphenyl-d14 | 20.16 | 244 | 35936 | 4.82 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.39 | 88 | 4783 | 3.70 | ng | # | 62 |
| 3) n-Nitrosodimethylamine | 3.73 | 42 | 7611 | 4.19 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.57 | 93 | 12692 | 3.82 | ng | | 90 |
| 9) Naphthalene | 10.97 | 128 | 40529 | 4.13 | ng | # | 94 |
| 10) Hexachlorobutadiene | 11.26 | 225 | 6122 | 4.10 | ng | | 99 |
| 11) 2-Methylnaphthalene | 12.60 | 142 | 27008m | 4.31 | ng | | |
| 15) Acenaphthylene | 14.51 | 152 | 173758 | 4.32 | ng | | 100 |
| 16) Acenaphthene | 14.85 | 154 | 26277 | 4.00 | ng | | 92 |
| 17) Fluorene | 15.83 | 166 | 34242 | 4.21 | ng | | 99 |
| 19) Hexachlorobenzene | 16.86 | 284 | 10270 | 5.12 | ng | # | 65 |
| 20) Pentachlorophenol | 17.21 | 266 | 6806 | 7.28 | ng | # | 86 |
| 21) Phenanthrene | 17.58 | 178 | 56305 | 4.95 | ng | # | 94 |
| 22) Anthracene | 17.67 | 178 | 53884 | 5.03 | ng | | 98 |
| 23) Fluoranthene | 19.58 | 202 | 227875 | 4.29 | ng | | 99 |
| 25) Pyrene | 19.95 | 202 | 238682 | 4.60 | ng | | 99 |
| 27) Benzo(a)anthracene | 21.70 | 228 | 258578m | 4.20 | ng | | |
| 28) Chrysene | 21.75 | 228 | 261826m | 4.72 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.61 | 149 | 22021 | 5.20 | ng | # | 76 |
| 30) Indeno(1,2,3-cd)pyrene | 26.55 | 276 | 303502 | 5.01 | ng | | 97 |
| 32) Benzo(b)fluoranthene | 23.35 | 252 | 59989 | 4.35 | ng | # | 96 |
| 33) Benzo(k)fluoranthene | 23.39 | 252 | 59664 | 4.14 | ng | | 94 |
| 34) Benzo(a)pyrene | 23.96 | 252 | 59005 | 4.63 | ng | | 94 |
| 35) Dibenzo(a,h)anthracene | 26.57 | 278 | 63762 | 5.06 | ng | | 96 |
| 36) Benzo(g,h,i)perylene | 27.31 | 276 | 263600 | 4.94 | ng | | 97 |

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

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