Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094112.D
Acq On : 25 Sep 2017 21:08
Operator : SJ/JU
Sample : I5340-12MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** LT-TS-012MS

**Manual Integrations APPROVED**
Sohil
9/26/2017 5:03:48 PM

Quant Time: Sep 26 02:50:24 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 17:37:08 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.91 | 152 | 1562 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.69 | 136 | 7386 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.51 | 164 | 4866 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.24 | 188 | 18461 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.40 | 240 | 15838 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.91 | 264 | 15379 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.50 | 112 | 850 | 0.14 | ng | | 0.00 |
| 5) Phenol-d6 | 7.09 | 99 | 1343 | 0.16 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.06 | 82 | 1054 | 0.15 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.28 | 152 | 1652 | 0.15 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.00 | 330 | 364 | 0.10 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.13 | 172 | 2160 | 0.13 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.27 | 212 | 22892 | 0.13 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.85 | 244 | 3633 | 0.13 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.41 | 88 | 587 | 0.193 | ng | # | 44 |
| 3) n-Nitrosodimethylamine | 3.73 | 42 | 542 | 0.139 | ng | # | 90 |
| 6) bis(2-Chloroethyl)ether | 7.33 | 93 | 1000 | 0.157 | ng | | 99 |
| 9) Naphthalene | 10.74 | 128 | 13376 | 0.160 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.03 | 225 | 405 | 0.130 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.35 | 142 | 2231 | 0.165 | ng | | 96 |
| 16) Acenaphthylene | 14.23 | 152 | 5714 | 0.234 | ng | | 98 |
| 17) Acenaphthene | 14.57 | 154 | 2637 | 0.173 | ng | | 97 |
| 18) Fluorene | 15.55 | 166 | 3816 | 0.184 | ng | | 96 |
| 20) 4-Bromophenyl-phenylether | 16.42 | 248 | 1246 | 0.165 | ng | | 97 |
| 21) Hexachlorobenzene | 16.55 | 284 | 835 | 0.175 | ng | | 98 |
| 22) Pentachlorophenol | 16.91 | 266 | 894 | 0.204 | ng | # | 73 |
| 23) Phenanthrene | 17.27 | 178 | 29872 | 0.632 | ng | | 98 |
| 24) Anthracene | 17.37 | 178 | 10330 | 0.208 | ng | | 97 |
| 26) Fluoranthene | 19.30 | 202 | 52170 | 0.986 | ng | | 99 |
| 28) Pyrene | 19.66 | 202 | 53667 | 1.069 | ng | # | 96 |
| 30) Benzo(a)anthracene | 21.38 | 228 | 28100 | 0.527 | ng | | 96 |
| 31) Chrysene | 21.44 | 228 | 31366 | 0.609 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 165736 | 1.082 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.55 | 276 | 19598 | 0.356 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 23.14 | 252 | 34818 | 0.627 | ng | # | 94 |
| 36) Benzo(k)fluoranthene | 23.18 | 252 | 17155m | 0.323 | ng | | |
| 37) Benzo(a)pyrene | 23.79 | 252 | 26221 | 0.523 | ng | # | 94 |
| 38) Dibenzo(a,h)anthracene | 26.56 | 278 | 8279 | 0.174 | ng | # | 83 |
| 39) Benzo(g,h,i)perylene | 27.37 | 276 | 18810 | 0.400 | ng | | 97 |

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

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