Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070217\
Data File : BE093413.D
Acq On : 2 Jul 2017 14:36
Operator : SJ/JU
Sample : PB100110BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB100110BS

**Manual Integrations APPROVED**
mohammad
7/3/2017 4:41:49 PM

Quant Time: Jul 03 06:41:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 02 13:43:38 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.94 | 152 | 4541 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.72 | 136 | 18903 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.54 | 164 | 8798 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.27 | 188 | 19056 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.43 | 240 | 25344 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.94 | 264 | 26078 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.53 | 112 | 4143 | 0.30 | ng | | 0.00 |
| 5) Phenol-d6 | 7.10 | 99 | 5669 | 0.28 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.08 | 82 | 3708 | 0.31 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.31 | 152 | 8274 | 0.27 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 524 | 0.19 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.18 | 172 | 11799 | 0.35 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.29 | 212 | 69687 | 0.30 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.88 | 244 | 13594 | 0.30 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.46 | 88 | 1989 | 0.207 | ng | # | 33 |
| 3) n-Nitrosodimethylamine | 3.76 | 42 | 1536 | 0.343 | ng | # | 80 |
| 6) bis(2-Chloroethyl)ether | 7.36 | 93 | 4452 | 0.293 | ng | # | 96 |
| 9) Naphthalene | 10.77 | 128 | 57785 | 0.292 | ng | # | 73 |
| 10) Hexachlorobutadiene | 11.08 | 225 | 2283 | 0.304 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.38 | 142 | 9100 | 0.274 | ng | | 97 |
| 16) Acenaphthylene | 14.26 | 152 | 10635 | 0.290 | ng | # | 87 |
| 17) Acenaphthene | 14.60 | 154 | 8206 | 0.306 | ng | | 98 |
| 18) Fluorene | 15.58 | 166 | 10031 | 0.272 | ng | # | 87 |
| 20) 4-Bromophenyl-phenylether | 16.45 | 248 | 4015 | 0.384 | ng | # | 16 |
| 21) Hexachlorobenzene | 16.58 | 284 | 3763 | 0.334 | ng | # | 100 |
| 22) Pentachlorophenol | 16.91 | 266 | 1021 | 0.689 | ng | # | 79 |
| 23) Phenanthrene | 17.30 | 178 | 22786 | 0.329 | ng | | 97 |
| 24) Anthracene | 17.40 | 178 | 12255m | 0.289 | ng | | |
| 26) Fluoranthene | 19.32 | 202 | 19931 | 0.306 | ng | | 99 |
| 28) Pyrene | 19.67 | 202 | 20058 | 0.282 | ng | # | 99 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 20933 | 0.306 | ng | | 93 |
| 31) Chrysene | 21.46 | 228 | 22164 | 0.310 | ng | | 94 |
| 32) Bis(2-ethylhexyl)phthalate | 21.33 | 149 | 22437 | 0.228 | ng | # | 66 |
| 33) Indeno(1,2,3-cd)pyrene | 26.58 | 276 | 28517 | 0.454 | ng | | 95 |
| 35) Benzo(b)fluoranthene | 23.17 | 252 | 25250 | 0.300 | ng | # | 95 |
| 36) Benzo(k)fluoranthene | 23.22 | 252 | 24874 | 0.299 | ng | | 96 |
| 37) Benzo(a)pyrene | 23.82 | 252 | 22712 | 0.308 | ng | # | 96 |
| 38) Dibenzo(a,h)anthracene | 26.61 | 278 | 24612 | 0.344 | ng | # | 91 |
| 39) Benzo(g,h,i)perylene | 27.40 | 276 | 25589 | 0.354 | ng | | 93 |

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

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PB100110BS

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