Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090916\
Data File : BE092358.D
Acq On : 9 Sep 2016 17:11
Operator : UM/SJ
Sample : PB93313BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB93313BS

**Manual Integrations APPROVED**
sohil
9/12/2016 1:42:29 PM

Quant Time: Sep 09 18:05:46 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 11923 | 5.00 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.95 | 136 | 53145 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.82 | 164 | 28340 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.56 | 188 | 56990 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.75 | 240 | 56050 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 24.10 | 264 | 52801 | 5.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.68 | 112 | 23703 | 8.36 | ng | | 0.00 |
| 5) Phenol-d6 | 7.34 | 99 | 32371 | 8.56 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 9.34 | 82 | 14666 | 3.84 | ng | | -0.02 |
| 13) 2,4,6-Tribromophenol | 16.31 | 330 | 6974 | 7.94 | ng | | -0.01 |
| 14) 2-Fluorobiphenyl | 13.43 | 172 | 32300 | 3.71 | ng | | -0.01 |
| 26) Terphenyl-d14 | 20.17 | 244 | 34901 | 4.21 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.42 | 88 | 4840 | 3.29 | ng | # | 85 |
| 3) n-Nitrosodimethylamine | 3.77 | 42 | 7332 | 3.88 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.59 | 93 | 12601 | 3.49 | ng | | 92 |
| 9) Naphthalene | 11.01 | 128 | 39377 | 3.31 | ng | # | 94 |
| 10) Hexachlorobutadiene | 11.30 | 225 | 6111 | 3.29 | ng | | 100 |
| 11) 2-Methylnaphthalene | 12.62 | 142 | 27051 | 3.47 | ng | | 94 |
| 15) Acenaphthylene | 14.53 | 152 | 165918 | 3.40 | ng | | 100 |
| 16) Acenaphthene | 14.88 | 154 | 25031 | 3.17 | ng | | 95 |
| 17) Fluorene | 15.86 | 166 | 31468 | 3.18 | ng | | 99 |
| 19) Hexachlorobenzene | 16.89 | 284 | 9209 | 3.37 | ng | # | 63 |
| 20) Pentachlorophenol | 17.23 | 266 | 6485 | 5.28 | ng | | 86 |
| 21) Phenanthrene | 17.60 | 178 | 54079 | 3.38 | ng | # | 94 |
| 22) Anthracene | 17.70 | 178 | 51401 | 3.61 | ng | | 99 |
| 23) Fluoranthene | 19.59 | 202 | 208587 | 2.98 | ng | | 99 |
| 25) Pyrene | 19.97 | 202 | 214477 | 3.93 | ng | | 99 |
| 27) Benzo(a)anthracene | 21.72 | 228 | 189661 | 3.14 | ng | # | 78 |
| 28) Chrysene | 21.77 | 228 | 216260m | 3.84 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.63 | 149 | 29051 | 3.74 | ng | # | 74 |
| 30) Indeno(1,2,3-cd)pyrene | 26.58 | 276 | 229404 | 3.60 | ng | | 98 |
| 32) Benzo(b)fluoranthene | 23.37 | 252 | 48972 | 3.61 | ng | # | 96 |
| 33) Benzo(k)fluoranthene | 23.42 | 252 | 47061 | 3.28 | ng | | 94 |
| 34) Benzo(a)pyrene | 24.00 | 252 | 46370 | 3.47 | ng | # | 95 |
| 35) Dibenzo(a,h)anthracene | 26.62 | 278 | 48396 | 3.92 | ng | # | 94 |
| 36) Benzo(g,h,i)perylene | 27.35 | 276 | 199281 | 3.83 | ng | | 98 |

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

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