Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090117\
Data File : BE093903.D
Acq On : 1 Sep 2017 15:43
Operator : SJ/JU
Sample : PB101940BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB101940BS

Quant Time: Sep 02 01:19:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 16:31:36 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 1761 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.71 | 136 | 7856 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.52 | 164 | 4113 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.23 | 188 | 9471 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.42 | 240 | 13966 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.93 | 264 | 12044 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.52 | 112 | 1992 | 0.37 | ng | | 0.00 |
| 5) Phenol-d6 | 7.10 | 99 | 2614 | 0.32 | ng | | 0.01 |
| 8) Nitrobenzene-d5 | 9.06 | 82 | 2397 | 0.37 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.29 | 152 | 4434 | 0.36 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 401 | 0.36 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.16 | 172 | 5427 | 0.33 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.27 | 212 | 50887 | 0.47 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.87 | 244 | 10890 | 0.43 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.44 | 88 | 884 | 0.365 | ng | # | 18 |
| 3) n-Nitrosodimethylamine | 3.74 | 42 | 983 | 0.365 | ng | | 96 |
| 6) bis(2-Chloroethyl)ether | 7.34 | 93 | 1919 | 0.301 | ng | | 96 |
| 9) Naphthalene | 10.76 | 128 | 25874 | 0.289 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.04 | 225 | 1012 | 0.320 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.36 | 142 | 4209 | 0.282 | ng | | 96 |
| 16) Acenaphthylene | 14.24 | 152 | 6080 | 0.299 | ng | | 99 |
| 17) Acenaphthene | 14.58 | 154 | 4012 | 0.292 | ng | | 98 |
| 18) Fluorene | 15.56 | 166 | 5447 | 0.307 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.45 | 248 | 1373 | 0.365 | ng | | 88 |
| 21) Hexachlorobenzene | 16.58 | 284 | 1080 | 0.312 | ng | # | 100 |
| 22) Pentachlorophenol | 16.94 | 266 | 591 | 0.398 | ng | | 98 |
| 23) Phenanthrene | 17.30 | 178 | 7541 | 0.313 | ng | # | 99 |
| 24) Anthracene | 17.36 | 178 | 8707 | 0.303 | ng | # | 98 |
| 26) Fluoranthene | 19.30 | 202 | 12775 | 0.387 | ng | | 100 |
| 28) Pyrene | 19.67 | 202 | 13371 | 0.285 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.39 | 228 | 12422 | 0.299 | ng | | 97 |
| 31) Chrysene | 21.45 | 228 | 13141 | 0.285 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 34296 | 0.392 | ng | # | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.59 | 276 | 10462 | 0.333 | ng | | 97 |
| 35) Benzo(b)fluoranthene | 23.15 | 252 | 10836 | 0.282 | ng | | 97 |
| 36) Benzo(k)fluoranthene | 23.21 | 252 | 13525 | 0.308 | ng | | 95 |
| 37) Benzo(a)pyrene | 23.82 | 252 | 11526 | 0.302 | ng | | 96 |
| 38) Dibenzo(a,h)anthracene | 26.61 | 278 | 8174 | 0.303 | ng | # | 93 |
| 39) Benzo(g,h,i)perylene | 27.39 | 276 | 9342 | 0.318 | ng | | 96 |

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

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