Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003758.D
Acq On : 24 Dec 2015 01:37
Operator : UM/SJ
Sample : PB87313BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PB87313BS

**Manual Integrations APPROVED**
Sohil
12/24/2015 5:29:10 PM

Quant Time: Dec 24 10:50:23 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 10:08:49 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 48133 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.48 | 136 | 209456 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.33 | 164 | 119411 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.06 | 188 | 213252 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.29 | 240 | 206733 | 5.00 | ng | | 0.00 |
| 35) Perylene-d12 | 23.52 | 264 | 164158 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.27 | 112 | 72243 | 6.35 | ng | | 0.00 |
| 5) Phenol-d6 | 6.87 | 99 | 94657 | 6.80 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.85 | 82 | 41639 | 3.75 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.84 | 330 | 24699 | 6.60 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.96 | 172 | 138761 | 3.80 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.72 | 244 | 135925 | 4.15 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.18 | 88 | 15437 | 3.50 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.49 | 42 | 17917 | 3.50 | ng | | 97 |
| 6) bis(2-Chloroethyl)ether | 7.11 | 93 | 43577 | 3.52 | ng | | 99 |
| 9) Nitrobenzene | 8.88 | 77 | 44673 | 3.54 | ng | | 98 |
| 10) Naphthalene | 10.51 | 128 | 165486 | 3.46 | ng | | 99 |
| 11) Hexachlorobutadiene | 10.80 | 225 | 25037 | 3.39 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.14 | 142 | 119543 | 3.74 | ng | | 97 |
| 16) Acenaphthylene | 14.04 | 152 | 203373 | 3.74 | ng | | 100 |
| 17) Acenaphthene | 14.39 | 154 | 124892 | 3.69 | ng | | 97 |
| 18) Fluorene | 15.39 | 166 | 143426 | 3.60 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.27 | 248 | 48226 | 4.93 | ng | | 98 |
| 21) Hexachlorobenzene | 16.40 | 284 | 46547 | 5.06 | ng | # | 100 |
| 22) Pentachlorophenol | 16.73 | 266 | 28650 | 6.38 | ng | # | 72 |
| 23) Phenanthrene | 17.11 | 178 | 288303 | 4.93 | ng | | 99 |
| 24) Anthracene | 17.22 | 178 | 196274 | 3.73 | ng | | 100 |
| 25) Fluoranthene | 19.14 | 202 | 262461 | 3.86 | ng | | 100 |
| 27) Benzidine | 19.33 | 184 | 200828 | 7.15 | ng | # | 93 |
| 28) Pyrene | 19.52 | 202 | 281820 | 4.11 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.27 | 228 | 223477 | 3.61 | ng | | 100 |
| 31) 3,3'-Dichlorobenzidine | 21.21 | 252 | 80576 | 3.88 | ng | # | 98 |
| 32) Chrysene | 21.31 | 228 | 243509m | 4.31 | ng | | |
| 33) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 182436 | 4.07 | ng | # | 100 |
| 34) Indeno(1,2,3-cd)pyrene | 25.77 | 276 | 167994 | 3.84 | ng | | 100 |
| 36) Benzo(b)fluoranthene | 22.84 | 252 | 223627 | 4.17 | ng | | 95 |
| 37) Benzo(k)fluoranthene | 22.89 | 252 | 179043 | 3.62 | ng | | 99 |
| 38) Benzo(a)pyrene | 23.41 | 252 | 179956 | 3.92 | ng | | 96 |
| 39) Dibenzo(a,h)anthracene | 25.78 | 278 | 135662 | 3.77 | ng | | 96 |
| 40) Benzo(g,h,i)perylene | 26.46 | 276 | 138449 | 3.67 | ng | | 97 |

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

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