Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010816\
Data File : BM003926.D
Acq On : 08 Jan 2016 17:22
Operator : SJ/UM
Sample : PB87669BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PB87669BS

**Manual Integrations APPROVED**
Sohil
1/10/2016 9:50:03 AM

Quant Time: Jan 09 00:40:51 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 13:33:21 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 44123 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.46 | 136 | 186528 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.31 | 164 | 95850 | 5.00 | ng | | -0.02 |
| 19) Phenanthrene-d10 | 17.07 | 188 | 218206 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.28 | 240 | 165456 | 5.00 | ng | | 0.01 |
| 35) Perylene-d12 | 23.51 | 264 | 117289 | 5.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.27 | 112 | 71066 | 7.87 | ng | | 0.00 |
| 5) Phenol-d6 | 6.85 | 99 | 93458 | 8.45 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.83 | 82 | 40590 | 4.43 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.82 | 330 | 22067 | 7.67 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.94 | 172 | 138087 | 4.47 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.71 | 244 | 113681 | 4.24 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.17 | 88 | 14043 | 3.78 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.48 | 42 | 16468 | 3.61 | ng | | 94 |
| 6) bis(2-Chloroethyl)ether | 7.09 | 93 | 38654 | 3.83 | ng | | 98 |
| 9) Nitrobenzene | 8.87 | 77 | 37948 | 3.83 | ng | | 99 |
| 10) Naphthalene | 10.51 | 128 | 146448 | 3.59 | ng | | 96 |
| 11) Hexachlorobutadiene | 10.80 | 225 | 21941 | 3.52 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.13 | 142 | 101279 | 3.67 | ng | | 99 |
| 16) Acenaphthylene | 14.02 | 152 | 158350 | 3.96 | ng | | 100 |
| 17) Acenaphthene | 14.38 | 154 | 104297 | 3.73 | ng | | 99 |
| 18) Fluorene | 15.38 | 166 | 124013 | 3.73 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.25 | 248 | 30432 | 4.51 | ng | # | 72 |
| 21) Hexachlorobenzene | 16.38 | 284 | 32524 | 4.53 | ng | # | 79 |
| 22) Pentachlorophenol | 16.74 | 266 | 16641 | 5.85 | ng | | 94 |
| 23) Phenanthrene | 17.10 | 178 | 185086 | 4.64 | ng | | 97 |
| 24) Anthracene | 17.20 | 178 | 196507 | 4.47 | ng | | 99 |
| 25) Fluoranthene | 19.13 | 202 | 193408 | 3.98 | ng | | 100 |
| 27) Benzidine | 19.32 | 184 | 122809 | 5.92 | ng | # | 92 |
| 28) Pyrene | 19.51 | 202 | 212776 | 3.58 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 166855m | 3.55 | ng | | |
| 31) 3,3'-Dichlorobenzidine | 21.20 | 252 | 50686 | 3.51 | ng | # | 93 |
| 32) Chrysene | 21.30 | 228 | 162063m | 3.32 | ng | | |
| 33) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 80582 | 2.99 | ng | # | 97 |
| 34) Indeno(1,2,3-cd)pyrene | 25.76 | 276 | 117133 | 3.35 | ng | | 99 |
| 36) Benzo(b)fluoranthene | 22.84 | 252 | 142493 | 3.98 | ng | | 99 |
| 37) Benzo(k)fluoranthene | 22.88 | 252 | 125716 | 3.62 | ng | | 99 |
| 38) Benzo(a)pyrene | 23.41 | 252 | 120649 | 3.95 | ng | | 98 |
| 39) Dibenzo(a,h)anthracene | 25.77 | 278 | 94189 | 3.62 | ng | | 97 |
| 40) Benzo(g,h,i)perylene | 26.45 | 276 | 99167 | 3.59 | ng | | 97 |

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

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