Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052316\
Data File : BE091848.D
Acq On : 23 May 2016 15:37
Operator : UM/SJ
Sample : PB90363BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB90774BS

**Manual Integrations APPROVED**
umangi
5/24/2016 7:35:29 PM

Quant Time: May 24 03:15:33 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.79 | 152 | 20618 | 5.00 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.55 | 136 | 101092 | 5.00 | ng | | -0.02 |
| 13) Acenaphthene-d10 | 14.41 | 164 | 70302 | 5.00 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.14 | 188 | 187521 | 5.00 | ng | | -0.01 |
| 26) Chrysene-d12 | 21.29 | 240 | 288653 | 5.00 | ng | | -0.02 |
| 35) Perylene-d12 | 23.73 | 264 | 248604 | 5.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.39 | 112 | 38982 | 7.23 | ng | | 0.00 |
| 5) Phenol-d6 | 6.95 | 99 | 56901 | 7.50 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.94 | 82 | 28720 | 4.29 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.89 | 330 | 25821 | 9.46 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.02 | 172 | 77848 | 3.91 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.74 | 244 | 167083 | 4.09 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.31 | 88 | 9409 | 4.18 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 14017 | 4.26 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 7.20 | 93 | 24169 | 3.97 | ng | # | 77 |
| 9) Nitrobenzene | 8.97 | 77 | 29857 | 4.33 | ng | | 93 |
| 10) Naphthalene | 10.61 | 128 | 82812 | 3.70 | ng | | 97 |
| 11) Hexachlorobutadiene | 10.90 | 225 | 13761 | 4.15 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.21 | 142 | 62243 | 4.14 | ng | | 98 |
| 16) Acenaphthylene | 14.11 | 152 | 124765 | 3.98 | ng | # | 86 |
| 17) Acenaphthene | 14.46 | 154 | 71024 | 3.77 | ng | | 90 |
| 18) Fluorene | 15.43 | 166 | 100668 | 4.12 | ng | | 97 |
| 20) 4-Bromophenyl-phenylether | 16.31 | 248 | 30193 | 4.31 | ng | | 93 |
| 21) Hexachlorobenzene | 16.45 | 284 | 29984 | 4.11 | ng | | 98 |
| 22) Pentachlorophenol | 16.79 | 266 | 24571 | 8.14 | ng | # | 90 |
| 23) Phenanthrene | 17.17 | 178 | 186956 | 5.08 | ng | | 99 |
| 24) Anthracene | 17.26 | 178 | 183725 | 4.50 | ng | | 99 |
| 25) Fluoranthene | 19.19 | 202 | 228379 | 4.58 | ng | | 97 |
| 27) Benzidine | 19.36 | 184 | 130667 | 4.73 | ng | # | 75 |
| 28) Pyrene | 19.53 | 202 | 242476 | 3.83 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.27 | 228 | 290527m | 4.17 | ng | | |
| 31) 3,3'-Dichlorobenzidine | 21.22 | 252 | 73117 | 1.65 | ng | # | 79 |
| 32) Chrysene | 21.31 | 228 | 216713m | 3.64 | ng | | |
| 33) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 120218 | 3.13 | ng | # | 79 |
| 34) Indeno(1,2,3-cd)pyrene | 26.27 | 276 | 291378 | 4.08 | ng | | 95 |
| 36) Benzo(b)fluoranthene | 22.97 | 252 | 271319 | 4.36 | ng | # | 96 |
| 37) Benzo(k)fluoranthene | 23.02 | 252 | 257985 | 4.05 | ng | # | 97 |
| 38) Benzo(a)pyrene | 23.61 | 252 | 255500 | 4.30 | ng | # | 96 |
| 39) Dibenzo(a,h)anthracene | 26.28 | 278 | 244059 | 4.21 | ng | | 95 |
| 40) Benzo(g,h,i)perylene | 27.06 | 276 | 246587 | 4.12 | ng | # | 93 |

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

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