Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007632.D
Acq On : 13 Sep 2019 18:13
Operator : HP/JU
Sample : K4858-08MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

**Manual Integrations APPROVED**
Jagrut
9/17/2019 9:32:42 AM

Quant Time: Sep 14 04:12:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 9085 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.48 | 136 | 35110 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.34 | 164 | 19222 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.08 | 188 | 39599 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.27 | 240 | 39735 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.50 | 264 | 39282 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.34 | 112 | 4274 | 0.15 | ng | | 0.00 |
| 5) Phenol-d6 | 6.89 | 99 | 3553 | 0.11 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.86 | 82 | 9544 | 0.34 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.08 | 152 | 22433m | 0.38 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.83 | 330 | 2178 | 0.30 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.97 | 172 | 30994 | 0.37 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.11 | 212 | 49023 | 0.39 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.72 | 244 | 41717 | 0.40 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.32 | 88 | 58924 | 5.413 | ng | | 91 |
| 3) n-Nitrosodimethylamine | 3.03 | 42 | 159815 | 32.353 | ng | # | 1 |
| 6) bis(2-Chloroethyl)ether | 7.15 | 93 | 11426 | 0.428 | ng | | 99 |
| 9) Naphthalene | 10.53 | 128 | 40592 | 0.404 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.84 | 225 | 6554 | 0.323 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.15 | 142 | 26049 | 0.385 | ng | | 99 |
| 16) Acenaphthylene | 14.06 | 152 | 33790 | 0.338 | ng | | 100 |
| 17) Acenaphthene | 14.40 | 154 | 22779 | 0.349 | ng | | 99 |
| 18) Fluorene | 15.38 | 166 | 29216 | 0.355 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.28 | 248 | 9273 | 0.379 | ng | # | 85 |
| 21) Hexachlorobenzene | 16.39 | 284 | 9263 | 0.354 | ng | | 98 |
| 22) Pentachlorophenol | 16.73 | 266 | 4084 | 0.601 | ng | | 97 |
| 23) Phenanthrene | 17.12 | 178 | 49843 | 0.399 | ng | | 100 |
| 24) Anthracene | 17.21 | 178 | 42164 | 0.381 | ng | | 100 |
| 26) Fluoranthene | 19.14 | 202 | 56374 | 0.386 | ng | | 99 |
| 28) Pyrene | 19.51 | 202 | 57213 | 0.396 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 52334 | 0.371 | ng | | 99 |
| 31) Chrysene | 21.31 | 228 | 57203 | 0.390 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 19386 | 0.406 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.71 | 276 | 56269 | 0.359 | ng | | 100 |
| 35) Benzo(b)fluoranthene | 22.83 | 252 | 54646 | 0.383 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 22.88 | 252 | 56599 | 0.388 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.40 | 252 | 48760 | 0.385 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 25.73 | 278 | 47146 | 0.356 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 26.39 | 276 | 48864 | 0.372 | ng | | 99 |

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

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