Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
Data File : BE099764.D
Acq On : 28 May 2019 19:31
Operator : JU/SJ
Sample : K3037-07MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** DFTPP

Quant Time: May 29 05:01:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 1217 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.60 | 136 | 4510 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.47 | 164 | 3624 | 0.40 | ng | | -0.02 |
| 19) Phenanthrene-d10 | 17.21 | 188 | 10663 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.40 | 240 | 15504 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.94 | 264 | 18346 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.37 | 112 | 611 | 0.20 | ng | | 0.00 |
| 5) Phenol-d6 | 6.97 | 99 | 540 | 0.13 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.96 | 82 | 1651 | 0.42 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 2972m | 0.38 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.97 | 330 | 1084 | 0.52 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.09 | 172 | 5491 | 0.40 | ng | | -0.02 |
| 25) Fluoranthene-d10 | 19.25 | 212 | 59546 | 0.41 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.85 | 244 | 17656 | 0.64 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 394 | 0.219 | ng | # | 78 |
| 3) n-Nitrosodimethylamine | 3.60 | 42 | 196 | 0.197 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.22 | 93 | 1507 | 0.416 | ng | | 97 |
| 9) Naphthalene | 10.65 | 128 | 19207 | 0.398 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.93 | 225 | 1193 | 0.336 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.28 | 142 | 3350 | 0.426 | ng | | 98 |
| 16) Acenaphthylene | 14.20 | 152 | 6555 | 0.388 | ng | | 99 |
| 17) Acenaphthene | 14.54 | 154 | 3620 | 0.382 | ng | | 98 |
| 18) Fluorene | 15.51 | 166 | 5560 | 0.398 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.41 | 248 | 2414 | 0.393 | ng | | 95 |
| 21) Hexachlorobenzene | 16.52 | 284 | 2217 | 0.352 | ng | | 96 |
| 22) Pentachlorophenol | 16.87 | 266 | 2937 | 1.495 | ng | | 90 |
| 23) Phenanthrene | 17.25 | 178 | 10938 | 0.420 | ng | | 98 |
| 24) Anthracene | 17.35 | 178 | 10472 | 0.443 | ng | | 97 |
| 26) Fluoranthene | 19.28 | 202 | 17891 | 0.434 | ng | | 98 |
| 28) Pyrene | 19.64 | 202 | 18718 | 0.481 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.39 | 228 | 21555 | 0.489 | ng | | 98 |
| 31) Chrysene | 21.44 | 228 | 20801 | 0.442 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 53696 | 1.058 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.63 | 276 | 22936 | 0.403 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.16 | 252 | 20484 | 0.407 | ng | # | 93 |
| 36) Benzo(k)fluoranthene | 23.21 | 252 | 20400 | 0.389 | ng | # | 94 |
| 37) Benzo(a)pyrene | 23.82 | 252 | 19707 | 0.407 | ng | # | 96 |
| 38) Dibenzo(a,h)anthracene | 26.66 | 278 | 18700 | 0.368 | ng | # | 96 |
| 39) Benzo(g,h,i)perylene | 27.46 | 276 | 19833 | 0.387 | ng | | 99 |

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

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