Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082519\
Data File : BN007392.D
Acq On : 25 Aug 2019 13:04
Operator : HP/JU
Sample : PB122525BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Manual Integrations APPROVED
Jagrut
8/26/2019 3:25:06 PM

Quant Time: Aug 26 05:51:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 3666 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.15 | 136 | 14557 | 0.40 | ng | -0.01 |
| 13) Acenaphthene-d10 | 14.05 | 164 | 7692 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.79 | 188 | 16713 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.02 | 240 | 18458 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.12 | 264 | 19869 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.03 | 112 | 3734 | 0.29 | ng | 0.00 |
| 5) Phenol-d6 | 6.59 | 99 | 4415 | 0.26 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.53 | 82 | 4048m | 0.32 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.76 | 152 | 7428 | 0.31 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.55 | 330 | 1272 | 0.32 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.66 | 172 | 10289 | 0.33 | ng | 0.00 |
| 25) Fluoranthene-d10 | 18.84 | 212 | 16364 | 0.30 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.46 | 244 | 13339 | 0.28 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.00 | 88 | 1892 | 0.311 | ng | # 75 |
| 3) n-Nitrosodimethylamine | 3.31 | 42 | 835 | 0.295 | ng | # 81 |
| 6) bis(2-Chloroethyl)ether | 6.84 | 93 | 3753 | 0.283 | ng | 98 |
| 9) Naphthalene | 10.20 | 128 | 12552 | 0.302 | ng | # 91 |
| 10) Hexachlorobutadiene | 10.51 | 225 | 2325 | 0.273 | ng | # 99 |
| 12) 2-Methylnaphthalene | 11.83 | 142 | 8463 | 0.299 | ng | 95 |
| 16) Acenaphthylene | 13.76 | 152 | 12885 | 0.283 | ng | 99 |
| 17) Acenaphthene | 14.11 | 154 | 7542 | 0.283 | ng | 99 |
| 18) Fluorene | 15.10 | 166 | 9613 | 0.285 | ng | 98 |
| 20) 4-Bromophenyl-phenylether | 16.01 | 248 | 1680 | 0.255 | ng | 96 |
| 21) Hexachlorobenzene | 16.11 | 284 | 3394 | 0.303 | ng | 95 |
| 22) Pentachlorophenol | 16.46 | 266 | 1622 | 0.466 | ng | # 65 |
| 23) Phenanthrene | 16.84 | 178 | 15752 | 0.313 | ng | 99 |
| 24) Anthracene | 16.93 | 178 | 14641 | 0.290 | ng | 100 |
| 26) Fluoranthene | 18.87 | 202 | 20265 | 0.314 | ng | 99 |
| 28) Pyrene | 19.24 | 202 | 20735 | 0.279 | ng | 99 |
| 30) Benzo(a)anthracene | 21.00 | 228 | 19489 | 0.269 | ng | 99 |
| 31) Chrysene | 21.05 | 228 | 18953 | 0.271 | ng | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 20.97 | 149 | 17303 | 0.350 | ng | 94 |
| 33) Indeno(1,2,3-cd)pyrene | 25.18 | 276 | 26393 | 0.313 | ng | 99 |
| 35) Benzo(b)fluoranthene | 22.50 | 252 | 20351 | 0.283 | ng | 98 |
| 36) Benzo(k)fluoranthene | 22.54 | 252 | 21702 | 0.305 | ng | 96 |
| 37) Benzo(a)pyrene | 23.03 | 252 | 20749 | 0.303 | ng | 98 |
| 38) Dibenzo(a,h)anthracene | 25.20 | 278 | 21764 | 0.318 | ng | 98 |
| 39) Benzo(g,h,i)perylene | 25.81 | 276 | 22397 | 0.329 | ng | 98 |

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

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