Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
Data File : BN007742.D
Acq On : 19 Sep 2019 15:48
Operator : HP/JU
Sample : PB123061BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB123061BS

Quant Time: Sep 20 01:48:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 11167 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.47 | 136 | 45706 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.32 | 164 | 25631 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.07 | 188 | 63522 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.27 | 240 | 81387 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.48 | 264 | 77836 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.32 | 112 | 10197 | 0.27 | ng | | 0.00 |
| 5) Phenol-d6 | 6.87 | 99 | 13923 | 0.29 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.83 | 82 | 12663 | 0.32 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.06 | 152 | 26925 | 0.35 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.82 | 330 | 3713 | 0.27 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.94 | 172 | 40321 | 0.38 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.10 | 212 | 71633 | 0.33 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.71 | 244 | 59882 | 0.30 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.30 | 88 | 4166 | 0.335 | ng | # | 84 |
| 3) n-Nitrosodimethylamine | 3.01 | 42 | 2121 | 0.372 | ng | # | 82 |
| 6) bis(2-Chloroethyl)ether | 7.14 | 93 | 11444 | 0.362 | ng | | 98 |
| 9) Naphthalene | 10.52 | 128 | 45961 | 0.358 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.82 | 225 | 9086 | 0.336 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.13 | 142 | 30781 | 0.355 | ng | | 100 |
| 16) Acenaphthylene | 14.03 | 152 | 46384 | 0.341 | ng | | 100 |
| 17) Acenaphthene | 14.38 | 154 | 30321 | 0.346 | ng | | 97 |
| 18) Fluorene | 15.37 | 166 | 39375 | 0.351 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.26 | 248 | 12896 | 0.334 | ng | # | 73 |
| 21) Hexachlorobenzene | 16.38 | 284 | 14391 | 0.341 | ng | | 97 |
| 22) Pentachlorophenol | 16.72 | 266 | 8795 | 0.566 | ng | | 95 |
| 23) Phenanthrene | 17.11 | 178 | 68992 | 0.349 | ng | | 100 |
| 24) Anthracene | 17.20 | 178 | 57984 | 0.324 | ng | | 100 |
| 26) Fluoranthene | 19.13 | 202 | 84521 | 0.344 | ng | | 100 |
| 28) Pyrene | 19.50 | 202 | 95195 | 0.343 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.25 | 228 | 90797 | 0.303 | ng | | 99 |
| 31) Chrysene | 21.30 | 228 | 93077 | 0.319 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 30033 | 0.195 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.70 | 276 | 108678 | 0.297 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.82 | 252 | 90660 | 0.336 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 22.87 | 252 | 92473 | 0.346 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.39 | 252 | 80593 | 0.317 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 25.72 | 278 | 87662 | 0.337 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 26.37 | 276 | 83553 | 0.325 | ng | | 98 |

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

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