Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
Data File : BN003183.D
Acq On : 17 Oct 2018 17:07
Operator : MJ/SJ
Sample : PB113776BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BSD

**Manual Integrations APPROVED**
Sohil
10/18/2018 4:40:54 PM

Quant Time: Oct 18 15:57:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 15:26:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 650 | 0.40 | ng | | 0.03 |
| 7) Naphthalene-d8 | 10.48 | 136 | 3053 | 0.40 | ng | | 0.05 |
| 13) Acenaphthene-d10 | 14.30 | 164 | 2081 | 0.40 | ng | | 0.02 |
| 19) Phenanthrene-d10 | 17.07 | 188 | 5883 | 0.40 | ng | | 0.02 |
| 27) Chrysene-d12 | 21.26 | 240 | 7922 | 0.40 | ng | | 0.01 |
| 34) Perylene-d12 | 23.49 | 264 | 8751 | 0.40 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.38 | 112 | 393m | 0.27 | ng | | 0.08 |
| 5) Phenol-d6 | 7.06 | 99 | 494m | 0.24 | ng | | 0.12 |
| 8) Nitrobenzene-d5 | 8.98 | 82 | 462m | 0.24 | ng | | 0.12 |
| 11) 2-Methylnaphthalene-d10 | 12.11 | 152 | 1533 | 0.30 | ng | | 0.07 |
| 14) 2,4,6-Tribromophenol | 15.87 | 330 | 274 | 0.21 | ng | | 0.04 |
| 15) 2-Fluorobiphenyl | 12.97 | 172 | 1781 | 0.22 | ng | | 0.04 |
| 25) Fluoranthene-d10 | 19.10 | 212 | 4242 | 0.23 | ng | | 0.02 |
| 29) Terphenyl-d14 | 19.70 | 244 | 3154 | 0.18 | ng | | 0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 411 | 0.441 | ng | # | 26 |
| 3) n-Nitrosodimethylamine | 3.59 | 42 | 29 | 0.205 | ng | # | 26 |
| 6) bis(2-Chloroethyl)ether | 7.19 | 93 | 488m | 0.284 | ng | | |
| 9) Naphthalene | 10.53 | 128 | 1845 | 0.243 | ng | # | 77 |
| 10) Hexachlorobutadiene | 10.73 | 225 | 318 | 0.214 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.19 | 142 | 1206 | 0.232 | ng | # | 94 |
| 16) Acenaphthylene | 14.04 | 152 | 2120 | 0.224 | ng | | 98 |
| 17) Acenaphthene | 14.37 | 154 | 1421 | 0.226 | ng | | 98 |
| 18) Fluorene | 15.39 | 166 | 1950 | 0.238 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.27 | 248 | 669m | 0.204 | ng | | |
| 21) Hexachlorobenzene | 16.38 | 284 | 758m | 0.209 | ng | | |
| 22) Pentachlorophenol | 16.79 | 266 | 131 | 0.241 | ng | # | 79 |
| 23) Phenanthrene | 17.11 | 178 | 3494 | 0.227 | ng | | 100 |
| 24) Anthracene | 17.23 | 178 | 3049 | 0.216 | ng | | 100 |
| 26) Fluoranthene | 19.13 | 202 | 4861 | 0.246 | ng | | 99 |
| 28) Pyrene | 19.49 | 202 | 4995 | 0.225 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 4935 | 0.232 | ng | | 97 |
| 31) Chrysene | 21.30 | 228 | 5800 | 0.238 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 2718 | 0.216 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.75 | 276 | 7101 | 0.247 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 22.83 | 252 | 5545 | 0.235 | ng | | 96 |
| 36) Benzo(k)fluoranthene | 22.88 | 252 | 7099 | 0.255 | ng | # | 95 |
| 37) Benzo(a)pyrene | 23.41 | 252 | 6104 | 0.251 | ng | # | 92 |
| 38) Dibenzo(a,h)anthracene | 25.75 | 278 | 5974 | 0.240 | ng | # | 96 |
| 39) Benzo(g,h,i)perylene | 26.42 | 276 | 6294 | 0.250 | ng | | 96 |

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

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