Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016677.D
Acq On : 02 Oct 2021 18:57
Operator : CG/JU
Sample : PB139503BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB139503BS

Quant Time: Oct 04 03:35:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.642 | 152 | 33447 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.407 | 136 | 146147 | 0.40 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.269 | 164 | 76058 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.018 | 188 | 143807 | 0.40 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.227 | 240 | 137626 | 0.40 | ng | #-0.01 |
| 35) Perylene-d12 | 23.485 | 264 | 140252 | 0.40 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.264 | 112 | 30380 | 0.36 | ng | 0.00 |
| 5) Phenol-d6 | 6.822 | 99 | 32920 | 0.35 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.784 | 82 | 30917 | 0.32 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.003 | 152 | 80399 | 0.37 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.766 | 330 | 11203 | 0.32 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.886 | 172 | 113897 | 0.37 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.063 | 212 | 142948 | 0.37 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.679 | 244 | 117931 | 0.39 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.253 | 88 | 4431 | 0.29 | ng | # 88 |
| 3) n-Nitrosodimethylamine | 3.595 | 42 | 9179 | 0.37 | ng | 97 |
| 6) bis(2-Chloroethyl)ether | 7.080 | 93 | 34630 | 0.38 | ng | 100 |
| 9) Naphthalene | 10.457 | 128 | 146398 | 0.37 | ng | 100 |
| 10) Hexachlorobutadiene | 10.749 | 225 | 28125 | 0.38 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.078 | 142 | 95080 | 0.37 | ng | 99 |
| 16) Acenaphthylene | 13.990 | 152 | 116099 | 0.35 | ng | 100 |
| 17) Acenaphthene | 14.332 | 154 | 83112 | 0.37 | ng | 100 |
| 18) Fluorene | 15.322 | 166 | 99298 | 0.37 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.411 | 198 | 1932 | 0.24 | ng | 100 |
| 21) 4-Bromophenyl-phenylether | 16.227 | 248 | 31355 | 0.35 | ng | # 93 |
| 22) Hexachlorobenzene | 16.324 | 284 | 38021 | 0.37 | ng | 99 |
| 23) Atrazine | 16.494 | 200 | 19400 | 0.30 | ng | # 89 |
| 24) Pentachlorophenol | 16.677 | 266 | 10323 | 0.30 | ng | 100 |
| 25) Phenanthrene | 17.066 | 178 | 159764 | 0.37 | ng | 100 |
| 26) Anthracene | 17.151 | 178 | 128440 | 0.34 | ng | 100 |
| 28) Fluoranthene | 19.093 | 202 | 179530 | 0.38 | ng | 100 |
| 30) Pyrene | 19.460 | 202 | 179328 | 0.40 | ng | 100 |
| 32) Benzo(a)anthracene | 21.217 | 228 | 160886 | 0.38 | ng | 99 |
| 33) Chrysene | 21.270 | 228 | 173320 | 0.41 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.164 | 149 | 50962 | 0.30 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.764 | 276 | 174290 | 0.35 | ng | 100 |
| 37) Benzo(b)fluoranthene | 22.807 | 252 | 162864 | 0.36 | ng | 99 |
| 38) Benzo(k)fluoranthene | 22.851 | 252 | 169333 | 0.38 | ng | 99 |
| 39) Benzo(a)pyrene | 23.385 | 252 | 151862 | 0.38 | ng | 99 |
| 40) Dibenzo(a,h)anthracene | 25.785 | 278 | 134991 | 0.33 | ng | 99 |
| 41) Benzo(g,h,i)perylene | 26.456 | 276 | 155598 | 0.35 | ng | 99 |

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

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