Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020723\
Data File : BN023983.D
Acq On : 08 Feb 2023 00:33
Operator : CG/JU
Sample : PB150670BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB150670BS

Quant Time: Feb 08 02:39:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 02:37:27 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.840 | 152 | 4726 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.648 | 136 | 11815 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.485 | 164 | 7172 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.241 | 188 | 15236 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.428 | 240 | 10753 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.799 | 264 | 8119 | 0.400 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.399 | 112 | 3855 | 0.393 | ng | | 0.00 |
| 5) Phenol-d6 | 7.010 | 99 | 4504 | 0.389 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.004 | 82 | 3707 | 0.391 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.238 | 152 | 6385 | 0.389 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.987 | 330 | 1274 | 0.345 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.116 | 172 | 11526 | 0.406 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.271 | 212 | 12989 | 0.351 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.869 | 244 | 8409 | 0.419 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.268 | 88 | 1807 | 0.403 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 3.608 | 42 | 2069 | 0.412 | ng | | 93 |
| 6) bis(2-Chloroethyl)ether | 7.270 | 93 | 4952 | 0.428 | ng | | 99 |
| 9) Naphthalene | 10.690 | 128 | 11921 | 0.405 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.979 | 225 | 3234 | 0.418 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.310 | 142 | 7916 | 0.404 | ng | | 99 |
| 16) Acenaphthylene | 14.207 | 152 | 10308 | 0.369 | ng | | 99 |
| 17) Acenaphthene | 14.549 | 154 | 7591 | 0.399 | ng | | 99 |
| 18) Fluorene | 15.532 | 166 | 10291 | 0.399 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.629 | 198 | 769 | 0.409 | ng | # | 86 |
| 21) 4-Bromophenyl-phenylether | 16.434 | 248 | 3903 | 0.394 | ng | | 98 |
| 22) Hexachlorobenzene | 16.546 | 284 | 4885 | 0.410 | ng | | 99 |
| 23) Atrazine | 16.707 | 200 | 2184 | 0.337 | ng | # | 96 |
| 24) Pentachlorophenol | 16.893 | 266 | 1259 | 0.386 | ng | | 94 |
| 25) Phenanthrene | 17.278 | 178 | 16337 | 0.389 | ng | | 99 |
| 26) Anthracene | 17.365 | 178 | 12762 | 0.369 | ng | | 99 |
| 28) Fluoranthene | 19.300 | 202 | 17026 | 0.353 | ng | | 99 |
| 30) Pyrene | 19.663 | 202 | 16560 | 0.444 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.410 | 228 | 12776 | 0.371 | ng | | 100 |
| 33) Chrysene | 21.464 | 228 | 14652 | 0.395 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.339 | 149 | 4867 | 0.309 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.255 | 276 | 14996 | 0.406 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.077 | 252 | 13300 | 0.405 | ng | | 96 |
| 38) Benzo(k)fluoranthene | 23.124 | 252 | 12976 | 0.400 | ng | # | 96 |
| 39) Benzo(a)pyrene | 23.694 | 252 | 9437 | 0.379 | ng | | 94 |
| 40) Dibenzo(a,h)anthracene | 26.272 | 278 | 12097 | 0.410 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 27.009 | 276 | 13427 | 0.429 | ng | | 98 |

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

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