Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122623\
Data File : BN029192.D
Acq On : 26 Dec 2023 14:47
Operator : MA/JU
Sample : PB158020BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB158020BS

Quant Time: Dec 26 15:17:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 23 03:51:02 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.804 | 152 | 1095 | 0.400 | ng | 0.02 |
| 7) Naphthalene-d8 | 10.605 | 136 | 2037 | 0.400 | ng | # 0.03 |
| 13) Acenaphthene-d10 | 14.468 | 164 | 1108 | 0.400 | ng | 0.04 |
| 19) Phenanthrene-d10 | 17.231 | 188 | 1675 | 0.400 | ng | 0.05 |
| 29) Chrysene-d12 | 21.434 | 240 | 592 | 0.400 | ng | 0.05 |
| 35) Perylene-d12 | 23.796 | 264 | 777 | 0.400 | ng | 0.09 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.406 | 112 | 832 | 0.333 | ng | 0.02 |
| 5) Phenol-d6 | 7.009 | 99 | 912 | 0.325 | ng | 0.02 |
| 8) Nitrobenzene-d5 | 8.993 | 82 | 703 | 0.277 | ng | 0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.212 | 152 | 1317 | 0.395 | ng | 0.05 |
| 14) 2,4,6-Tribromophenol | 15.977 | 330 | 226 | 0.278 | ng | 0.05 |
| 15) 2-Fluorobiphenyl | 13.100 | 172 | 1801 | 0.287 | ng | 0.04 |
| 27) Fluoranthene-d10 | 19.266 | 212 | 824 | 0.236 | ng | 0.05 |
| 31) Terphenyl-d14 | 19.880 | 244 | 505 | 0.293 | ng | 0.05 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.326 | 88 | 354 | 0.366 | ng | # 10 |
| 3) n-Nitrosodimethylamine | 3.687 | 42 | 210 | 0.290 | ng | 80 |
| 6) bis(2-Chloroethyl)ether | 7.262 | 93 | 526 | 0.267 | ng | 98 |
| 9) Naphthalene | 10.658 | 128 | 1649 | 0.262 | ng | 98 |
| 10) Hexachlorobutadiene | 10.925 | 225 | 473 | 0.244 | ng | # 98 |
| 12) 2-Methylnaphthalene | 12.280 | 142 | 1152 | 0.258 | ng | 99 |
| 16) Acenaphthylene | 14.190 | 152 | 2022 | 0.276 | ng | 98 |
| 17) Acenaphthene | 14.532 | 154 | 1123 | 0.250 | ng | 99 |
| 18) Fluorene | 15.518 | 166 | 1475 | 0.233 | ng | 96 |
| 20) 4,6-Dinitro-2-methylph... | 15.629 | 198 | 139 | 0.364 | ng | 98 |
| 21) 4-Bromophenyl-phenylether | 16.436 | 248 | 387 | 0.246 | ng | # 70 |
| 22) Hexachlorobenzene | 16.511 | 284 | 465 | 0.250 | ng | 97 |
| 23) Atrazine | 16.722 | 200 | 370 | 0.258 | ng | # 86 |
| 24) Pentachlorophenol | 16.883 | 266 | 474 | 0.439 | ng | 96 |
| 25) Phenanthrene | 17.268 | 178 | 1968 | 0.268 | ng | 99 |
| 26) Anthracene | 17.367 | 178 | 1841 | 0.261 | ng | 98 |
| 28) Fluoranthene | 19.299 | 202 | 1458 | 0.222 | ng | 99 |
| 30) Pyrene | 19.661 | 202 | 1438 | 0.258 | ng | 97 |
| 32) Benzo(a)anthracene | 21.416 | 228 | 983 | 0.292 | ng | 99 |
| 33) Chrysene | 21.469 | 228 | 971 | 0.297 | ng | # 96 |
| 34) Bis(2-ethylhexyl)phtha... | 21.362 | 149 | 1219 | 0.285 | ng | # 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.211 | 276 | 1463 | 0.279 | ng | # 95 |
| 37) Benzo(b)fluoranthene | 23.076 | 252 | 1138 | 0.279 | ng | 95 |
| 38) Benzo(k)fluoranthene | 23.123 | 252 | 1115 | 0.264 | ng | 91 |
| 39) Benzo(a)pyrene | 23.688 | 252 | 999 | 0.268 | ng | 97 |
| 40) Dibenzo(a,h)anthracene | 26.246 | 278 | 1070 | 0.269 | ng | 99 |
| 41) Benzo(g,h,i)perylene | 26.945 | 276 | 1209 | 0.271 | ng | 95 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122623\
Data File : BN029192.D
Acq On : 26 Dec 2023 14:47
Operator : MA/JU
Sample : PB158020BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB158020BS

Quant Time: Dec 26 15:17:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 23 03:51:02 2023
Response via : Initial Calibration