Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016210.D
Acq On : 05 Sep 2021 02:32
Operator : CG/JU
Sample : PB138734BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB138734BS

Quant Time: Sep 06 06:21:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 02:08:58 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.873 | 152 | 14744 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.660 | 136 | 76505 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.497 | 164 | 44797 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.237 | 188 | 89153 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.429 | 240 | 94953 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.817 | 264 | 94815 | 0.400 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.448 | 112 | 15339 | 0.369 | ng | 0.00 |
| 5) Phenol-d6 | 7.034 | 99 | 19880 | 0.374 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.025 | 82 | 22287 | 0.363 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.247 | 152 | 47056 | 0.386 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.982 | 330 | 7594 | 0.380 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.114 | 172 | 63793 | 0.378 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.272 | 212 | 102069 | 0.381 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.867 | 244 | 88323 | 0.368 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.373 | 88 | 1948 | 0.413 | ng | # 54 |
| 3) n-Nitrosodimethylamine | 3.742 | 42 | 4215 | 0.368 | ng | 100 |
| 6) bis(2-Chloroethyl)ether | 7.292 | 93 | 14954 | 0.389 | ng | 100 |
| 9) Naphthalene | 10.711 | 128 | 76981 | 0.380 | ng | 100 |
| 10) Hexachlorobutadiene | 11.002 | 225 | 16046 | 0.389 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.323 | 142 | 53166 | 0.389 | ng | 99 |
| 16) Acenaphthylene | 14.218 | 152 | 76470 | 0.381 | ng | 100 |
| 17) Acenaphthene | 14.561 | 154 | 48660 | 0.382 | ng | 100 |
| 18) Fluorene | 15.538 | 166 | 61633 | 0.386 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.626 | 198 | 1906 | 0.509 | ng | # 64 |
| 21) 4-Bromophenyl-phenylether | 16.433 | 248 | 18217 | 0.387 | ng | # 86 |
| 22) Hexachlorobenzene | 16.555 | 284 | 21643 | 0.389 | ng | 100 |
| 23) Atrazine | 16.701 | 200 | 17689 | 0.371 | ng | 97 |
| 24) Pentachlorophenol | 16.896 | 266 | 4887 | 0.556 | ng | 99 |
| 25) Phenanthrene | 17.285 | 178 | 97233 | 0.390 | ng | 100 |
| 26) Anthracene | 17.371 | 178 | 90589 | 0.381 | ng | 100 |
| 28) Fluoranthene | 19.301 | 202 | 115717 | 0.391 | ng | 100 |
| 30) Pyrene | 19.669 | 202 | 117026 | 0.378 | ng | 100 |
| 32) Benzo(a)anthracene | 21.408 | 228 | 120935 | 0.379 | ng | 98 |
| 33) Chrysene | 21.461 | 228 | 119218 | 0.385 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.334 | 149 | 72472 | 0.338 | ng | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.291 | 276 | 115636 | 0.439 | ng | 99 |
| 37) Benzo(b)fluoranthene | 23.087 | 252 | 126226 | 0.390 | ng | 99 |
| 38) Benzo(k)fluoranthene | 23.135 | 252 | 119009 | 0.401 | ng | 98 |
| 39) Benzo(a)pyrene | 23.707 | 252 | 112893 | 0.393 | ng | 97 |
| 40) Dibenzo(a,h)anthracene | 26.305 | 278 | 97396 | 0.442 | ng | 97 |
| 41) Benzo(g,h,i)perylene | 27.048 | 276 | 94151 | 0.425 | ng | 98 |

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

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