Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028160.D
Acq On : 09 Oct 2023 14:34
Operator : MA/JU
Sample : PB155953BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB155953BS

Quant Time: Oct 09 15:29:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 12:40:55 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.929 | 152 | 3591 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.746 | 136 | 10149 | 0.400 | ng | # 0.01 |
| 13) Acenaphthene-d10 | 14.566 | 164 | 4710 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.331 | 188 | 8895 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.515 | 240 | 8044 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.984 | 264 | 8695 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.473 | 112 | 3576 | 0.334 | ng | 0.00 |
| 5) Phenol-d6 | 7.091 | 99 | 4152 | 0.307 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.123 | 82 | 3486 | 0.404 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.328 | 152 | 7050 | 0.469 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.077 | 330 | 524 | 0.243 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.197 | 172 | 7874 | 0.464 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.360 | 212 | 8971 | 0.402 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.946 | 244 | 8115 | 0.432 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.357 | 88 | 1547 | 0.384 | ng | # 76 |
| 3) n-Nitrosodimethylamine | 3.704 | 42 | 2010 | 0.436 | ng | # 94 |
| 6) bis(2-Chloroethyl)ether | 7.366 | 93 | 3877 | 0.356 | ng | 92 |
| 9) Naphthalene | 10.789 | 128 | 11044 | 0.421 | ng | 99 |
| 10) Hexachlorobutadiene | 11.013 | 225 | 2009 | 0.431 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.404 | 142 | 6437 | 0.351 | ng | 98 |
| 16) Acenaphthylene | 14.298 | 152 | 8059 | 0.386 | ng | 99 |
| 17) Acenaphthene | 14.630 | 154 | 5459 | 0.410 | ng | 99 |
| 18) Fluorene | 15.618 | 166 | 6633 | 0.384 | ng | 98 |
| 20) 4,6-Dinitro-2-methylph... | 16.785 | 198 | 45 | 0.381 | ng | 84 |
| 21) 4-Bromophenyl-phenylether | 16.512 | 248 | 1787 | 0.385 | ng | # 83 |
| 22) Hexachlorobenzene | 16.599 | 284 | 2142 | 0.440 | ng | 94 |
| 23) Atrazine | 16.785 | 200 | 1349 | 0.333 | ng | 95 |
| 24) Pentachlorophenol | 16.971 | 266 | 6769 | 2.954 | ng | 94 |
| 25) Phenanthrene | 17.368 | 178 | 9882 | 0.412 | ng | 99 |
| 26) Anthracene | 17.468 | 178 | 8252 | 0.364 | ng | 99 |
| 28) Fluoranthene | 19.388 | 202 | 10910 | 0.394 | ng | 99 |
| 30) Pyrene | 19.755 | 202 | 11393 | 0.386 | ng | 98 |
| 32) Benzo(a)anthracene | 21.506 | 228 | 10609 | 0.388 | ng | 99 |
| 33) Chrysene | 21.560 | 228 | 11333 | 0.430 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.372 | 149 | 4605 | 0.256 | ng | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.568 | 276 | 14610 | 0.500 | ng | 99 |
| 37) Benzo(b)fluoranthene | 23.218 | 252 | 11920 | 0.424 | ng | 98 |
| 38) Benzo(k)fluoranthene | 23.271 | 252 | 11368 | 0.399 | ng | 96 |
| 39) Benzo(a)pyrene | 23.873 | 252 | 10209 | 0.384 | ng | 95 |
| 40) Dibenzo(a,h)anthracene | 26.589 | 278 | 11855 | 0.496 | ng | 97 |
| 41) Benzo(g,h,i)perylene | 27.378 | 276 | 12660 | 0.516 | ng | 98 |

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

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