Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028155.D
Acq On : 09 Oct 2023 11:34
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

Quant Time: Oct 09 12:41:14 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 | 7.922 | 152 | 4377 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.735 | 136 | 12854 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.566 | 164 | 6360 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.331 | 188 | 12309 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.515 | 240 | 10629 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.978 | 264 | 11139 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.466 | 112 | 4627 | 0.354 | ng | | 0.00 |
| 5) Phenol-d6 | 7.084 | 99 | 5442 | 0.330 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.123 | 82 | 3937 | 0.360 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.324 | 152 | 6910 | 0.363 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.077 | 330 | 795 | 0.273 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.197 | 172 | 9488 | 0.414 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.356 | 212 | 11724 | 0.379 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.946 | 244 | 9189 | 0.371 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.357 | 88 | 2191 | 0.446 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.711 | 42 | 2140 | 0.380 | ng | | 97 |
| 6) bis(2-Chloroethyl)ether | 7.366 | 93 | 4752 | 0.358 | ng | | 96 |
| 9) Naphthalene | 10.789 | 128 | 13346 | 0.402 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.013 | 225 | 2337 | 0.396 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.400 | 142 | 8559 | 0.368 | ng | | 99 |
| 16) Acenaphthylene | 14.298 | 152 | 10390 | 0.369 | ng | | 99 |
| 17) Acenaphthene | 14.630 | 154 | 7396 | 0.412 | ng | | 98 |
| 18) Fluorene | 15.618 | 166 | 9038 | 0.387 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 16.785 | 198 | 51 | 0.312 | ng | # | 37 |
| 21) 4-Bromophenyl-phenylether | 16.512 | 248 | 2556 | 0.398 | ng | # | 77 |
| 22) Hexachlorobenzene | 16.586 | 284 | 2824 | 0.419 | ng | | 98 |
| 23) Atrazine | 16.785 | 200 | 1816 | 0.324 | ng | | 98 |
| 24) Pentachlorophenol | 16.971 | 266 | 912 | 0.288 | ng | | 94 |
| 25) Phenanthrene | 17.368 | 178 | 13550 | 0.408 | ng | | 100 |
| 26) Anthracene | 17.468 | 178 | 11614 | 0.370 | ng | | 99 |
| 28) Fluoranthene | 19.388 | 202 | 14684 | 0.383 | ng | | 100 |
| 30) Pyrene | 19.755 | 202 | 15171 | 0.389 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.497 | 228 | 13756 | 0.380 | ng | | 100 |
| 33) Chrysene | 21.551 | 228 | 15052 | 0.432 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.372 | 149 | 7151 | 0.301 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.563 | 276 | 17752 | 0.474 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.215 | 252 | 14128 | 0.393 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.265 | 252 | 14525 | 0.398 | ng | | 97 |
| 39) Benzo(a)pyrene | 23.867 | 252 | 13577 | 0.399 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 26.580 | 278 | 14912 | 0.487 | ng | | 96 |
| 41) Benzo(g,h,i)perylene | 27.375 | 276 | 15651 | 0.497 | ng | | 98 |

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

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