Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110723\
Data File : BN028493.D
Acq On : 07 Nov 2023 16:21
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN110723

Quant Time: Nov 08 00:30:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 00:27:19 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.717 | 152 | 7925 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.509 | 136 | 24388 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.364 | 164 | 15437 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.109 | 188 | 36520 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.329 | 240 | 31348 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.643 | 264 | 32534 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.291 | 112 | 9422 | 0.398 | ng | | 0.00 |
| 5) Phenol-d6 | 6.887 | 99 | 12005 | 0.394 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.865 | 82 | 8442 | 0.388 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.102 | 152 | 16567 | 0.392 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.856 | 330 | 3031 | 0.350 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.985 | 172 | 26637 | 0.393 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.153 | 212 | 42438 | 0.380 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.766 | 244 | 31734 | 0.381 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.196 | 88 | 3882 | 0.407 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.514 | 42 | 4357 | 0.398 | ng | | 98 |
| 6) bis(2-Chloroethyl)ether | 7.147 | 93 | 10032 | 0.398 | ng | | 100 |
| 9) Naphthalene | 10.552 | 128 | 30355 | 0.399 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.851 | 225 | 5411 | 0.400 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.178 | 142 | 20436 | 0.392 | ng | | 98 |
| 16) Acenaphthylene | 14.076 | 152 | 30850 | 0.380 | ng | | 99 |
| 17) Acenaphthene | 14.418 | 154 | 21042 | 0.389 | ng | | 99 |
| 18) Fluorene | 15.412 | 166 | 29812 | 0.390 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.497 | 198 | 1945 | 0.406 | ng | | 99 |
| 21) 4-Bromophenyl-phenylether | 16.315 | 248 | 9263 | 0.380 | ng | | 98 |
| 22) Hexachlorobenzene | 16.414 | 284 | 9868 | 0.387 | ng | | 99 |
| 23) Atrazine | 16.588 | 200 | 8109 | 0.377 | ng | | 99 |
| 24) Pentachlorophenol | 16.762 | 266 | 3593 | 0.328 | ng | | 99 |
| 25) Phenanthrene | 17.147 | 178 | 46723 | 0.386 | ng | | 100 |
| 26) Anthracene | 17.246 | 178 | 41801 | 0.377 | ng | | 100 |
| 28) Fluoranthene | 19.185 | 202 | 55477 | 0.382 | ng | | 100 |
| 30) Pyrene | 19.548 | 202 | 57261 | 0.384 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.311 | 228 | 49652 | 0.379 | ng | | 100 |
| 33) Chrysene | 21.365 | 228 | 50925 | 0.389 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.266 | 149 | 27210 | 0.336 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.017 | 276 | 51883 | 0.395 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.942 | 252 | 51170 | 0.382 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 22.991 | 252 | 51197 | 0.391 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.541 | 252 | 44529 | 0.389 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 26.044 | 278 | 40488 | 0.396 | ng | | 95 |
| 41) Benzo(g,h,i)perylene | 26.748 | 276 | 45494 | 0.401 | ng | | 98 |

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

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