Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042524\
Data File : BN031220.D
Acq On : 25 Apr 2024 15:16
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 25 18:00:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 25 18:00:27 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.624 | 152 | 6878 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.410 | 136 | 20228 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.274 | 164 | 12089 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.029 | 188 | 27948 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.238 | 240 | 24027 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.455 | 264 | 23387 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.227 | 112 | 7352 | 0.480 | ng | | 0.00 |
| 5) Phenol-d6 | 6.808 | 99 | 9023 | 0.486 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.777 | 82 | 6535 | 0.467 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.002 | 152 | 12298 | 0.395 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.775 | 330 | 2622 | 0.559 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.895 | 172 | 18346 | 0.451 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.068 | 212 | 30307 | 0.403 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.672 | 244 | 23310 | 0.418 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.176 | 88 | 2845 | 0.336 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.486 | 42 | 3078 | 0.389 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 7.061 | 93 | 7280 | 0.397 | ng | | 96 |
| 9) Naphthalene | 10.453 | 128 | 21744 | 0.390 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.731 | 225 | 4493 | 0.401 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.077 | 142 | 14501 | 0.391 | ng | | 98 |
| 16) Acenaphthylene | 13.996 | 152 | 22129 | 0.415 | ng | | 99 |
| 17) Acenaphthene | 14.338 | 154 | 14383 | 0.382 | ng | | 98 |
| 18) Fluorene | 15.333 | 166 | 19369 | 0.389 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.418 | 198 | 1523 | 0.460 | ng | # | 82 |
| 21) 4-Bromophenyl-phenylether | 16.222 | 248 | 6468 | 0.390 | ng | # | 86 |
| 22) Hexachlorobenzene | 16.334 | 284 | 7369 | 0.380 | ng | | 97 |
| 23) Atrazine | 16.495 | 200 | 5649 | 0.470 | ng | | 97 |
| 24) Pentachlorophenol | 16.681 | 266 | 3290 | 0.553 | ng | | 99 |
| 25) Phenanthrene | 17.066 | 178 | 30714 | 0.372 | ng | | 100 |
| 26) Anthracene | 17.153 | 178 | 28590 | 0.419 | ng | | 100 |
| 28) Fluoranthene | 19.096 | 202 | 37842 | 0.382 | ng | | 100 |
| 30) Pyrene | 19.463 | 202 | 39570 | 0.424 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.220 | 228 | 35292 | 0.422 | ng | | 98 |
| 33) Chrysene | 21.274 | 228 | 33051 | 0.363 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.148 | 149 | 37358 | 0.974 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 25.683 | 276 | 32227 | 0.296 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.785 | 252 | 34666 | 0.359 | ng | # | 93 |
| 38) Benzo(k)fluoranthene | 22.829 | 252 | 32524 | 0.344 | ng | # | 93 |
| 39) Benzo(a)pyrene | 23.356 | 252 | 28173 | 0.351 | ng | # | 91 |
| 40) Dibenzo(a,h)anthracene | 25.700 | 278 | 25514 | 0.293 | ng | # | 91 |
| 41) Benzo(g,h,i)perylene | 26.373 | 276 | 27171 | 0.283 | ng | | 93 |

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

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