Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111021\
Data File : BN017383.D
Acq On : 10 Nov 2021 15:31
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 10 16:13:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 10 11:00:44 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.552 | 152 | 27885 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.319 | 136 | 127251 | 0.400 | ng | | 0.01 |
| 13) Acenaphthene-d10 | 14.181 | 164 | 66358 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.934 | 188 | 120304 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.144 | 240 | 110142 | 0.400 | ng | | 0.01 |
| 35) Perylene-d12 | 23.339 | 264 | 95172 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.163 | 112 | 26338 | 0.410 | ng | | 0.00 |
| 5) Phenol-d6 | 6.740 | 99 | 29150 | 0.412 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.684 | 82 | 36086 | 0.473 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.911 | 152 | 75585 | 0.403 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.678 | 330 | 8234 | 0.332 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.798 | 172 | 109174 | 0.433 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.975 | 212 | 124082 | 0.405 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.591 | 244 | 106045 | 0.432 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.144 | 88 | 6335 | 0.406 | ng | | 90 |
| 3) n-Nitrosodimethylamine | 3.476 | 42 | 12177 | 0.508 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 6.989 | 93 | 32369 | 0.434 | ng | | 99 |
| 9) Naphthalene | 10.357 | 128 | 138149 | 0.412 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.649 | 225 | 27066 | 0.412 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.986 | 142 | 90254 | 0.409 | ng | | 100 |
| 16) Acenaphthylene | 13.902 | 152 | 114693 | 0.424 | ng | | 100 |
| 17) Acenaphthene | 14.245 | 154 | 77491 | 0.416 | ng | | 99 |
| 18) Fluorene | 15.234 | 166 | 92065 | 0.414 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.336 | 198 | 1420 | 0.280 | ng | # | 84 |
| 21) 4-Bromophenyl-phenylether | 16.131 | 248 | 28665 | 0.425 | ng | | 100 |
| 22) Hexachlorobenzene | 16.240 | 284 | 32929 | 0.436 | ng | | 100 |
| 23) Atrazine | 16.423 | 200 | 17514 | 0.385 | ng | | 99 |
| 24) Pentachlorophenol | 16.593 | 266 | 7301 | 0.415 | ng | | 99 |
| 25) Phenanthrene | 16.970 | 178 | 146322 | 0.424 | ng | | 100 |
| 26) Anthracene | 17.068 | 178 | 117941 | 0.411 | ng | | 100 |
| 28) Fluoranthene | 19.005 | 202 | 157667 | 0.424 | ng | | 100 |
| 30) Pyrene | 19.367 | 202 | 155158 | 0.436 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.123 | 228 | 136960 | 0.410 | ng | | 100 |
| 33) Chrysene | 21.176 | 228 | 147862 | 0.416 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.080 | 149 | 49153 | 0.417 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.546 | 276 | 113862 | 0.342 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.678 | 252 | 132451 | 0.426 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 22.719 | 252 | 139255 | 0.447 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.239 | 252 | 112197 | 0.407 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 25.564 | 278 | 89124 | 0.333 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.221 | 276 | 95910 | 0.332 | ng | | 99 |

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

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