Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028937.D
Acq On : 01 Dec 2023 08:19
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Dec 01 08:51:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.804 | 152 | 4305 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.594 | 136 | 10849 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.428 | 164 | 4441 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.184 | 188 | 7936 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.383 | 240 | 4667 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.716 | 264 | 4535 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.428 | 112 | 5756 | 0.441 | ng | | -0.02 |
| 5) Phenol-d6 | 7.024 | 99 | 6535 | 0.452 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.982 | 82 | 4593 | 0.426 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.182 | 152 | 6211 | 0.357 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.930 | 330 | 953 | 0.318 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.060 | 172 | 8799 | 0.459 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 19.213 | 212 | 8636 | 0.414 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.822 | 244 | 6174 | 0.441 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.355 | 88 | 1761 | 0.418 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.723 | 42 | 2243 | 0.430 | ng | # | 81 |
| 6) bis(2-Chloroethyl)ether | 7.262 | 93 | 5109 | 0.420 | ng | | 97 |
| 9) Naphthalene | 10.637 | 128 | 13540 | 0.393 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.904 | 225 | 2716 | 0.386 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.257 | 142 | 8194 | 0.378 | ng | | 98 |
| 16) Acenaphthylene | 14.150 | 152 | 28588 | 1.215 | ng | | 98 |
| 17) Acenaphthene | 14.493 | 154 | 8536 | 0.547 | ng | | 97 |
| 18) Fluorene | 15.487 | 166 | 9951 | 0.503 | ng | | 85 |
| 21) 4-Bromophenyl-phenylether | 16.377 | 248 | 2153 | 0.394 | ng | # | 89 |
| 22) Hexachlorobenzene | 16.476 | 284 | 2520 | 0.376 | ng | | 95 |
| 23) Atrazine | 16.675 | 200 | 1697 | 0.355 | ng | | 93 |
| 24) Pentachlorophenol | 16.836 | 266 | 1000 | 0.320 | ng | | 97 |
| 25) Phenanthrene | 17.221 | 178 | 10978 | 0.419 | ng | | 99 |
| 26) Anthracene | 17.308 | 178 | 10109 | 0.417 | ng | | 100 |
| 28) Fluoranthene | 19.246 | 202 | 12967 | 0.476 | ng | | 99 |
| 30) Pyrene | 19.608 | 202 | 14127 | 0.490 | ng | # | 91 |
| 32) Benzo(a)anthracene | 21.365 | 228 | 9536 | 0.481 | ng | # | 50 |
| 33) Chrysene | 21.419 | 228 | 8145 | 0.418 | ng | # | 78 |
| 34) Bis(2-ethylhexyl)phtha... | 21.302 | 149 | 7496 | 0.159 | ng | # | 88 |
| 36) Indeno(1,2,3-cd)pyrene | 26.129 | 276 | 7989 | 0.404 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 23.009 | 252 | 8114 | 0.437 | ng | # | 51 |
| 38) Benzo(k)fluoranthene | 23.053 | 252 | 7334 | 0.419 | ng | # | 52 |
| 39) Benzo(a)pyrene | 23.614 | 252 | 7238 | 0.437 | ng | # | 47 |
| 40) Dibenzo(a,h)anthracene | 26.152 | 278 | 6574 | 0.430 | ng | # | 44 |
| 41) Benzo(g,h,i)perylene | 26.859 | 276 | 6960 | 0.405 | ng | # | 85 |

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

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