Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101322\
Data File : BN022082.D
Acq On : 13 Oct 2022 11:13
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

Quant Time: Oct 14 08:47:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 01:51:34 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.964 | 152 | 3366 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.795 | 136 | 10596 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.632 | 164 | 6512 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.387 | 188 | 14836 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.582 | 240 | 12882 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 24.052 | 264 | 10588 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.487 | 112 | 3514 | 0.451 | ng | 0.00 |
| 5) Phenol-d6 | 7.119 | 99 | 4384 | 0.433 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.140 | 82 | 3391 | 0.398 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.387 | 152 | 6648 | 0.341 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.121 | 330 | 1166 | 0.469 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.253 | 172 | 10905 | 0.383 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.420 | 212 | 15806 | 0.401 | ng | 0.00 |
| 31) Terphenyl-d14 | 20.015 | 244 | 8999 | 0.347 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.298 | 88 | 1873m | 0.430 | ng | |
| 3) n-Nitrosodimethylamine | 3.645 | 42 | 1858 | 0.392 | ng | # 93 |
| 6) bis(2-Chloroethyl)ether | 7.386 | 93 | 4269 | 0.399 | ng | 98 |
| 9) Naphthalene | 10.837 | 128 | 13169 | 0.412 | ng | 100 |
| 10) Hexachlorobutadiene | 11.126 | 225 | 2099 | 0.379 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.092 | 142 | 2519 | 0.531 | ng | 96 |
| 16) Acenaphthylene | 14.354 | 152 | 11519 | 0.372 | ng | 100 |
| 17) Acenaphthene | 14.696 | 154 | 8588 | 0.394 | ng | 99 |
| 18) Fluorene | 15.680 | 166 | 12485 | 0.475 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.761 | 198 | 847 | 0.483 | ng | # 72 |
| 21) 4-Bromophenyl-phenylether | 16.568 | 248 | 3484 | 0.385 | ng | # 91 |
| 22) Hexachlorobenzene | 16.680 | 284 | 4184 | 0.372 | ng | 100 |
| 23) Atrazine | 16.841 | 200 | 2651 | 0.395 | ng | 99 |
| 24) Pentachlorophenol | 17.040 | 266 | 1566 | 0.454 | ng | 99 |
| 25) Phenanthrene | 17.424 | 178 | 20233 | 0.397 | ng | 100 |
| 26) Anthracene | 17.524 | 178 | 15770 | 0.385 | ng | 100 |
| 28) Fluoranthene | 19.453 | 202 | 21703 | 0.397 | ng | 100 |
| 30) Pyrene | 19.816 | 202 | 21893 | 0.387 | ng | 100 |
| 32) Benzo(a)anthracene | 21.564 | 228 | 19437 | 0.401 | ng | 99 |
| 33) Chrysene | 21.618 | 228 | 20749 | 0.386 | ng | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.483 | 149 | 9773 | 0.420 | ng | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.636 | 276 | 19969 | 0.373 | ng | 99 |
| 37) Benzo(b)fluoranthene | 23.295 | 252 | 19092 | 0.380 | ng | 99 |
| 38) Benzo(k)fluoranthene | 23.344 | 252 | 18986 | 0.380 | ng | 99 |
| 39) Benzo(a)pyrene | 23.941 | 252 | 15238 | 0.398 | ng | 99 |
| 40) Dibenzo(a,h)anthracene | 26.660 | 278 | 15709 | 0.368 | ng | 99 |
| 41) Benzo(g,h,i)perylene | 27.438 | 276 | 16372 | 0.355 | ng | 99 |

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

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