Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018189.D
Acq On : 23 Dec 2021 20:13
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 24 23:32:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 23 14:22:48 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.624 | 152 | 18987 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.394 | 136 | 81675 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.256 | 164 | 51212 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.993 | 188 | 107754 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.185 | 240 | 118101 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.416 | 264 | 112699 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.227 | 112 | 17662 | 0.426 | ng | 0.00 |
| 5) Phenol-d6 | 6.803 | 99 | 19461 | 0.439 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.759 | 82 | 20877 | 0.380 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.994 | 152 | 56315 | 0.401 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.753 | 330 | 9528 | 0.465 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.873 | 172 | 73135 | 0.382 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.033 | 212 | 142462 | 0.417 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.639 | 244 | 101609 | 0.391 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.161 | 88 | 4115 | 0.361 | ng | # 57 |
| 3) n-Nitrosodimethylamine | 3.493 | 42 | 6814 | 0.411 | ng | 93 |
| 6) bis(2-Chloroethyl)ether | 7.052 | 93 | 18935 | 0.396 | ng | 100 |
| 9) Naphthalene | 10.445 | 128 | 76729 | 0.381 | ng | 100 |
| 10) Hexachlorobutadiene | 10.749 | 225 | 21280 | 0.397 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.070 | 142 | 53433 | 0.401 | ng | 99 |
| 16) Acenaphthylene | 13.964 | 152 | 74349 | 0.391 | ng | 100 |
| 17) Acenaphthene | 14.320 | 154 | 50947 | 0.384 | ng | 99 |
| 18) Fluorene | 15.309 | 166 | 65059 | 0.399 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.398 | 198 | 1079 | 0.300 | ng | 99 |
| 21) 4-Bromophenyl-phenylether | 16.190 | 248 | 25558 | 0.388 | ng | 92 |
| 22) Hexachlorobenzene | 16.312 | 284 | 29901 | 0.383 | ng | 99 |
| 23) Atrazine | 16.470 | 200 | 17430 | 0.425 | ng | 98 |
| 24) Pentachlorophenol | 16.665 | 266 | 7730 | 0.512 | ng | 99 |
| 25) Phenanthrene | 17.030 | 178 | 109242 | 0.382 | ng | 99 |
| 26) Anthracene | 17.127 | 178 | 94202 | 0.400 | ng | 100 |
| 28) Fluoranthene | 19.058 | 202 | 139313 | 0.417 | ng | 100 |
| 30) Pyrene | 19.425 | 202 | 144921 | 0.382 | ng | 100 |
| 32) Benzo(a)anthracene | 21.174 | 228 | 136494 | 0.398 | ng | 100 |
| 33) Chrysene | 21.228 | 228 | 145975 | 0.390 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.121 | 149 | 59130 | 0.573 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.679 | 276 | 125316 | 0.384 | ng | 99 |
| 37) Benzo(b)fluoranthene | 22.749 | 252 | 139372 | 0.400 | ng | 100 |
| 38) Benzo(k)fluoranthene | 22.790 | 252 | 134999 | 0.384 | ng | # 98 |
| 39) Benzo(a)pyrene | 23.317 | 252 | 126668 | 0.404 | ng | 100 |
| 40) Dibenzo(a,h)anthracene | 25.696 | 278 | 96031 | 0.374 | ng | 99 |
| 41) Benzo(g,h,i)perylene | 26.367 | 276 | 114676 | 0.382 | ng | 100 |

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

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