Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020823\
Data File : BN023989.D
Acq On : 08 Feb 2023 14:08
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Feb 08 17:19:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 02:37:27 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.840 | 152 | 4157 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.637 | 136 | 10330 | 0.400 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.485 | 164 | 6024 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.241 | 188 | 13670 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.428 | 240 | 12182 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.819 | 264 | 9142 | 0.400 | ng | | # 0.01 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.399 | 112 | 3387 | 0.392 | ng | | 0.00 |
| 5) Phenol-d6 | 7.009 | 99 | 3943 | 0.387 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.003 | 82 | 3224 | 0.389 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.235 | 152 | 5504 | 0.383 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.987 | 330 | 1063 | 0.343 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.116 | 172 | 9691 | 0.407 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.271 | 212 | 13067 | 0.394 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.869 | 244 | 9101 | 0.400 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.268 | 88 | 1680 | 0.426 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.601 | 42 | 1674 | 0.379 | ng | | 97 |
| 6) bis(2-Chloroethyl)ether | 7.262 | 93 | 4284 | 0.421 | ng | | 100 |
| 9) Naphthalene | 10.690 | 128 | 10369 | 0.402 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.979 | 225 | 2749 | 0.407 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.310 | 142 | 6803 | 0.397 | ng | | 97 |
| 16) Acenaphthylene | 14.207 | 152 | 8555 | 0.365 | ng | | 100 |
| 17) Acenaphthene | 14.549 | 154 | 6378 | 0.400 | ng | | 99 |
| 18) Fluorene | 15.532 | 166 | 8685 | 0.401 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.628 | 198 | 692 | 0.410 | ng | # | 84 |
| 21) 4-Bromophenyl-phenylether | 16.434 | 248 | 3313 | 0.373 | ng | | 95 |
| 22) Hexachlorobenzene | 16.546 | 284 | 4170 | 0.390 | ng | | 99 |
| 23) Atrazine | 16.707 | 200 | 1954 | 0.336 | ng | | 99 |
| 24) Pentachlorophenol | 16.893 | 266 | 1221 | 0.404 | ng | | 94 |
| 25) Phenanthrene | 17.278 | 178 | 14543 | 0.386 | ng | | 99 |
| 26) Anthracene | 17.365 | 178 | 11566 | 0.373 | ng | | 99 |
| 28) Fluoranthene | 19.300 | 202 | 17002 | 0.393 | ng | | 100 |
| 30) Pyrene | 19.663 | 202 | 17065 | 0.404 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.419 | 228 | 14322 | 0.367 | ng | | 100 |
| 33) Chrysene | 21.464 | 228 | 17063 | 0.406 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.339 | 149 | 6179 | 0.347 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.296 | 276 | 15020 | 0.362 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.091 | 252 | 15071 | 0.407 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.138 | 252 | 14768 | 0.404 | ng | | 97 |
| 39) Benzo(a)pyrene | 23.717 | 252 | 10403 | 0.371 | ng | | 95 |
| 40) Dibenzo(a,h)anthracene | 26.316 | 278 | 11981 | 0.360 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 27.068 | 276 | 13372 | 0.379 | ng | | 99 |

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

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