Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
Data File : BN023114.D
Acq On : 09 Dec 2022 20:47
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 03:16:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 07:44:40 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/13/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.020 | 152 | 7374 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.840 | 136 | 21590 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.666 | 164 | 11514 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.402 | 188 | 24850 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.593 | 240 | 20508 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 24.052 | 264 | 17526 | 0.400 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.558 | 112 | 5434 | 0.396 | ng | 0.00 |
| 5) Phenol-d6 | 7.168 | 99 | 6773 | 0.388 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.185 | 82 | 5529 | 0.389 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.423 | 152 | 13546 | 0.370 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.148 | 330 | 1627 | 0.389 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.287 | 172 | 18798 | 0.409 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.435 | 212 | 24066 | 0.414 | ng | 0.00 |
| 31) Terphenyl-d14 | 20.026 | 244 | 12295 | 0.369 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.398 | 88 | 2965 | 0.407 | ng | 99 |
| 3) n-Nitrosodimethylamine | 3.730 | 42 | 2799 | 0.392 | ng | # 97 |
| 6) bis(2-Chloroethyl)ether | 7.435 | 93 | 8076 | 0.407 | ng | 98 |
| 9) Naphthalene | 10.893 | 128 | 21938 | 0.399 | ng | 100 |
| 10) Hexachlorobutadiene | 11.181 | 225 | 4352 | 0.415 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.117 | 142 | 3224 | 0.394 | ng | 99 |
| 16) Acenaphthylene | 14.388 | 152 | 17446 | 0.376 | ng | 100 |
| 17) Acenaphthene | 14.730 | 154 | 13437 | 0.394 | ng | 98 |
| 18) Fluorene | 15.703 | 166 | 15001 | 0.393 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.776 | 198 | 1078 | 0.452 | ng | 98 |
| 21) 4-Bromophenyl-phenylether | 16.595 | 248 | 5343 | 0.403 | ng | 97 |
| 22) Hexachlorobenzene | 16.719 | 284 | 7155 | 0.412 | ng | 99 |
| 23) Atrazine | 16.868 | 200 | 3421 | 0.366 | ng | 99 |
| 24) Pentachlorophenol | 17.054 | 266 | 1896 | 0.314 | ng | 98 |
| 25) Phenanthrene | 17.452 | 178 | 28916 | 0.390 | ng | 99 |
| 26) Anthracene | 17.538 | 178 | 22160 | 0.376 | ng | 100 |
| 28) Fluoranthene | 19.464 | 202 | 31054 | 0.392 | ng | 99 |
| 30) Pyrene | 19.827 | 202 | 30786 | 0.410 | ng | 100 |
| 32) Benzo(a)anthracene | 21.576 | 228 | 25824 | 0.391 | ng | 99 |
| 33) Chrysene | 21.629 | 228 | 30647 | 0.413 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.495 | 149 | 10816 | 0.387 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.621 | 276 | 32859 | 0.418 | ng | 99 |
| 37) Benzo(b)fluoranthene | 23.297 | 252 | 28217 | 0.388 | ng | 97 |
| 38) Benzo(k)fluoranthene | 23.347 | 252 | 29223m | 0.396 | ng | |
| 39) Benzo(a)pyrene | 23.943 | 252 | 22109 | 0.406 | ng | # 92 |
| 40) Dibenzo(a,h)anthracene | 26.642 | 278 | 25669 | 0.407 | ng | 99 |
| 41) Benzo(g,h,i)perylene | 27.414 | 276 | 25064 | 0.372 | ng | 99 |

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

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