Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
Data File : BN018995.D
Acq On : 17 Mar 2022 15:30
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

Quant Time: Mar 17 16:06:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.854 | 152 | 4514 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.658 | 136 | 12282 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.495 | 164 | 8026 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.236 | 188 | 17077 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.422 | 240 | 12366 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.793 | 264 | 9147 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.406 | 112 | 3985 | 0.394 | ng | | 0.00 |
| 5) Phenol-d6 | 7.009 | 99 | 3952 | 0.373 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.014 | 82 | 3153 | 0.356 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.250 | 152 | 7864 | 0.386 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.985 | 330 | 1327 | 0.343 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.127 | 172 | 12398 | 0.385 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.265 | 212 | 19770 | 0.390 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.864 | 244 | 11742 | 0.387 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.247 | 88 | 2298 | 0.412 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.572 | 42 | 2395 | 0.368 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.269 | 93 | 4896 | 0.388 | ng | | 98 |
| 9) Naphthalene | 10.712 | 128 | 13628 | 0.390 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.011 | 225 | 3437 | 0.402 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.325 | 142 | 9281 | 0.391 | ng | | 99 |
| 16) Acenaphthylene | 14.207 | 152 | 13407 | 0.360 | ng | | 100 |
| 17) Acenaphthene | 14.559 | 154 | 10054 | 0.385 | ng | | 99 |
| 18) Fluorene | 15.543 | 166 | 12782 | 0.388 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.618 | 198 | 786 | 0.354 | ng | # | 78 |
| 21) 4-Bromophenyl-phenylether | 16.426 | 248 | 4134 | 0.384 | ng | # | 87 |
| 22) Hexachlorobenzene | 16.549 | 284 | 5477 | 0.395 | ng | | 99 |
| 23) Atrazine | 16.692 | 200 | 2809 | 0.349 | ng | | 96 |
| 24) Pentachlorophenol | 16.897 | 266 | 1364 | 0.320 | ng | | 99 |
| 25) Phenanthrene | 17.277 | 178 | 21069 | 0.395 | ng | | 100 |
| 26) Anthracene | 17.369 | 178 | 16262 | 0.360 | ng | | 100 |
| 28) Fluoranthene | 19.295 | 202 | 24470 | 0.391 | ng | | 99 |
| 30) Pyrene | 19.657 | 202 | 24873 | 0.404 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.404 | 228 | 13560 | 0.356 | ng | | 99 |
| 33) Chrysene | 21.458 | 228 | 21188 | 0.412 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.333 | 149 | 9159 | 0.363 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.252 | 276 | 12912m | 0.391 | ng | | |
| 37) Benzo(b)fluoranthene | 23.071 | 252 | 12791m | 0.383 | ng | | |
| 38) Benzo(k)fluoranthene | 23.121 | 252 | 17918 | 0.392 | ng | | 97 |
| 39) Benzo(a)pyrene | 23.694 | 252 | 11897 | 0.392 | ng | # | 80 |
| 40) Dibenzo(a,h)anthracene | 26.273 | 278 | 10063m | 0.391 | ng | | |
| 41) Benzo(g,h,i)perylene | 26.998 | 276 | 12024 | 0.371 | ng | | 97 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
Data File : BN018995.D
Acq On : 17 Mar 2022 15:30
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 17 16:06:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022