Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112522\
Data File : BN022866.D
Acq On : 25 Nov 2022 18:32
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC5.0

Quant Time: Nov 25 22:41:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 22:38:23 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.071 | 152 | 7672 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.893 | 136 | 19301 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.709 | 164 | 11526 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.452 | 188 | 23945 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.638 | 240 | 18535 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 24.136 | 264 | 12948 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.601 | 112 | 91751 | 4.003 | ng | | 0.00 |
| 5) Phenol-d6 | 7.212 | 99 | 119384 | 4.041 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.238 | 82 | 79968 | 5.328 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.476 | 152 | 232562 | 5.371 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.198 | 330 | 31600 | 4.671 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.341 | 172 | 259379 | 5.108 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.486 | 212 | 344956 | 4.896 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.080 | 244 | 215817 | 5.135 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.449 | 88 | 42850 | 4.294 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.767 | 42 | 48916 | 4.276 | ng | | 100 |
| 6) bis(2-Chloroethyl)ether | 7.486 | 93 | 107998 | 3.840 | ng | | 100 |
| 9) Naphthalene | 10.947 | 128 | 297139 | 4.901 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.235 | 225 | 59450 | 4.808 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.163 | 142 | 71449 | 4.873 | ng | # | 93 |
| 16) Acenaphthylene | 14.431 | 152 | 330136 | 5.007 | ng | | 99 |
| 17) Acenaphthene | 14.773 | 154 | 206231 | 5.072 | ng | | 97 |
| 18) Fluorene | 15.751 | 166 | 264183 | 5.036 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.826 | 198 | 16757 | 7.885 | ng | # | 29 |
| 21) 4-Bromophenyl-phenylether | 16.645 | 248 | 88857 | 4.992 | ng | | 97 |
| 22) Hexachlorobenzene | 16.757 | 284 | 107189 | 5.178 | ng | | 99 |
| 23) Atrazine | 16.905 | 200 | 70075 | 4.960 | ng | | 99 |
| 24) Pentachlorophenol | 17.104 | 266 | 36971 | 5.729 | ng | | 100 |
| 25) Phenanthrene | 17.501 | 178 | 426191 | 5.190 | ng | | 100 |
| 26) Anthracene | 17.588 | 178 | 391169 | 5.046 | ng | | 100 |
| 28) Fluoranthene | 19.511 | 202 | 454270 | 4.885 | ng | | 100 |
| 30) Pyrene | 19.873 | 202 | 480112 | 5.623 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.629 | 228 | 392670 | 5.095 | ng | | 99 |
| 33) Chrysene | 21.683 | 228 | 379768 | 5.064 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.558 | 149 | 177628 | 3.877 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.756 | 276 | 293684 | 4.974 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.373 | 252 | 302407 | 5.677 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.423 | 252 | 320285 | 5.867 | ng | | 96 |
| 39) Benzo(a)pyrene | 24.025 | 252 | 239244 | 5.471 | ng | # | 94 |
| 40) Dibenzo(a,h)anthracene | 26.782 | 278 | 233342 | 5.054 | ng | | 96 |
| 41) Benzo(g,h,i)perylene | 27.554 | 276 | 240455 | 4.921 | ng | | 98 |

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

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