Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111121\
Data File : BN017387.D
Acq On : 10 Nov 2021 19:03
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICCC0.4

Quant Time: Nov 11 07:21:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 07:19:53 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.514 | 152 | 23197 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.281 | 136 | 104080 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.156 | 164 | 53365 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.909 | 188 | 96718 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.122 | 240 | 101649 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.314 | 264 | 107955 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.126 | 112 | 21624 | 0.404 | ng | | 0.00 |
| 5) Phenol-d6 | 6.703 | 99 | 23462 | 0.398 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.659 | 82 | 27341 | 0.438 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.879 | 152 | 60488 | 0.395 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.666 | 330 | 6313 | 0.317 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.773 | 172 | 87986 | 0.433 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.955 | 212 | 104261 | 0.423 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.570 | 244 | 90512 | 0.400 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.107 | 88 | 4245 | 0.327 | ng | # | 64 |
| 3) n-Nitrosodimethylamine | 3.439 | 42 | 9126 | 0.458 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 6.961 | 93 | 26248 | 0.423 | ng | | 100 |
| 9) Naphthalene | 10.332 | 128 | 115781 | 0.422 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.623 | 225 | 21917 | 0.408 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.955 | 142 | 72857 | 0.404 | ng | | 99 |
| 16) Acenaphthylene | 13.877 | 152 | 89718 | 0.412 | ng | | 100 |
| 17) Acenaphthene | 14.219 | 154 | 61888 | 0.413 | ng | | 99 |
| 18) Fluorene | 15.209 | 166 | 72993 | 0.408 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.310 | 198 | 3353 | 0.339 | ng | # | 90 |
| 21) 4-Bromophenyl-phenylether | 16.118 | 248 | 22669 | 0.418 | ng | # | 65 |
| 22) Hexachlorobenzene | 16.215 | 284 | 26078 | 0.429 | ng | | 99 |
| 23) Atrazine | 16.398 | 200 | 13046 | 0.356 | ng | | 97 |
| 24) Pentachlorophenol | 16.568 | 266 | 5885 | 0.275 | ng | | 100 |
| 25) Phenanthrene | 16.946 | 178 | 116764 | 0.421 | ng | | 100 |
| 26) Anthracene | 17.043 | 178 | 91455 | 0.396 | ng | | 100 |
| 28) Fluoranthene | 18.985 | 202 | 134305 | 0.449 | ng | | 99 |
| 30) Pyrene | 19.352 | 202 | 132760 | 0.404 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.112 | 228 | 122657 | 0.398 | ng | | 99 |
| 33) Chrysene | 21.154 | 228 | 141274 | 0.430 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.069 | 149 | 42055 | 0.386 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.512 | 276 | 175807 | 0.465 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.657 | 252 | 140364 | 0.398 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 22.702 | 252 | 145808 | 0.413 | ng | # | 97 |
| 39) Benzo(a)pyrene | 23.219 | 252 | 123691 | 0.396 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 25.536 | 278 | 141081 | 0.464 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.183 | 276 | 152451 | 0.465 | ng | | 99 |

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

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