Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016860.D
Acq On : 09 Oct 2021 00:48
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 09 05:42:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.615 | 152 | 21973 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.381 | 136 | 97745 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.243 | 164 | 51416 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.993 | 188 | 99482 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.206 | 240 | 106543 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.447 | 264 | 114595 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.226 | 112 | 21628 | 0.394 | ng | 0.00 |
| 5) Phenol-d6 | 6.794 | 99 | 24692 | 0.396 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.759 | 82 | 25351 | 0.370 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.976 | 152 | 54899 | 0.377 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.740 | 330 | 10046 | 0.378 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 12.873 | 172 | 77784 | 0.375 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.043 | 212 | 105220 | 0.381 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.654 | 244 | 92002 | 0.396 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.226 | 88 | 3885 | 0.395 | ng | # 65 |
| 3) n-Nitrosodimethylamine | 3.548 | 42 | 6901 | 0.400 | ng | 99 |
| 6) bis(2-Chloroethyl)ether | 7.052 | 93 | 23880 | 0.393 | ng | 100 |
| 9) Naphthalene | 10.432 | 128 | 99877 | 0.375 | ng | 100 |
| 10) Hexachlorobutadiene | 10.723 | 225 | 19517 | 0.384 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.052 | 142 | 65304 | 0.383 | ng | 100 |
| 16) Acenaphthylene | 13.964 | 152 | 84622 | 0.373 | ng | 100 |
| 17) Acenaphthene | 14.307 | 154 | 56571 | 0.375 | ng | 99 |
| 18) Fluorene | 15.296 | 166 | 69639 | 0.380 | ng | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.385 | 198 | 2079 | 0.284 | ng | # 69 |
| 21) 4-Bromophenyl-phenylether | 16.202 | 248 | 23077 | 0.372 | ng | # 90 |
| 22) Hexachlorobenzene | 16.312 | 284 | 26049 | 0.368 | ng | 99 |
| 23) Atrazine | 16.482 | 200 | 17734 | 0.360 | ng | 98 |
| 24) Pentachlorophenol | 16.652 | 266 | 10432 | 0.415 | ng | 99 |
| 25) Phenanthrene | 17.042 | 178 | 113170 | 0.383 | ng | 100 |
| 26) Anthracene | 17.127 | 178 | 98270 | 0.374 | ng | 100 |
| 28) Fluoranthene | 19.073 | 202 | 129859 | 0.391 | ng | 100 |
| 30) Pyrene | 19.435 | 202 | 133038 | 0.406 | ng | 100 |
| 32) Benzo(a)anthracene | 21.195 | 228 | 133446 | 0.405 | ng | 97 |
| 33) Chrysene | 21.238 | 228 | 136945 | 0.408 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.142 | 149 | 72601 | 0.434 | ng | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.709 | 276 | 170739 | 0.393 | ng | 98 |
| 37) Benzo(b)fluoranthene | 22.772 | 252 | 146492 | 0.404 | ng | 99 |
| 38) Benzo(k)fluoranthene | 22.820 | 252 | 146528 | 0.415 | ng | 99 |
| 39) Benzo(a)pyrene | 23.347 | 252 | 135702 | 0.409 | ng | 99 |
| 40) Dibenzo(a,h)anthracene | 25.733 | 278 | 140427 | 0.395 | ng | 99 |
| 41) Benzo(g,h,i)perylene | 26.397 | 276 | 143102 | 0.379 | ng | 99 |

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

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