Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101221\
Data File : BN016887.D
Acq On : 11 Oct 2021 18:32
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.2

Quant Time: Oct 12 02:17:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 12 02:08:51 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.688 | 152 | 18617 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.457 | 136 | 85068 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.294 | 164 | 45093 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.042 | 188 | 83299 | 0.40 | ng | 0.00 |
| 29) Chrysene-d12 | 21.227 | 240 | 81325 | 0.40 | ng | #-0.01 |
| 35) Perylene-d12 | 23.478 | 264 | 85531 | 0.40 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.300 | 112 | 9951 | 0.21 | ng | 0.00 |
| 5) Phenol-d6 | 6.868 | 99 | 10845 | 0.21 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.835 | 82 | 10624 | 0.18 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.043 | 152 | 25360 | 0.20 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.791 | 330 | 3692 | 0.16 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.924 | 172 | 35853 | 0.20 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.073 | 212 | 44243 | 0.19 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.683 | 244 | 37745 | 0.21 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.281 | 88 | 2922 | 0.35 | ng | # 65 |
| 3) n-Nitrosodimethylamine | 3.613 | 42 | 2987 | 0.20 | ng | 98 |
| 6) bis(2-Chloroethyl)ether | 7.126 | 93 | 11057 | 0.21 | ng | 100 |
| 9) Naphthalene | 10.495 | 128 | 49216 | 0.21 | ng | 100 |
| 10) Hexachlorobutadiene | 10.787 | 225 | 9064 | 0.20 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.114 | 142 | 30330 | 0.20 | ng | 99 |
| 16) Acenaphthylene | 14.015 | 152 | 35941 | 0.18 | ng | 100 |
| 17) Acenaphthene | 14.357 | 154 | 25854 | 0.20 | ng | 99 |
| 18) Fluorene | 15.347 | 166 | 31159 | 0.19 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.436 | 198 | 1462 | 0.10 | ng | # 90 |
| 21) 4-Bromophenyl-phenylether | 16.239 | 248 | 9765 | 0.19 | ng | 97 |
| 22) Hexachlorobenzene | 16.348 | 284 | 11624 | 0.20 | ng | 99 |
| 23) Atrazine | 16.518 | 200 | 6308 | 0.15 | ng | 99 |
| 24) Pentachlorophenol | 16.701 | 266 | 2893 | 0.15 | ng | 99 |
| 25) Phenanthrene | 17.078 | 178 | 49494 | 0.20 | ng | 100 |
| 26) Anthracene | 17.163 | 178 | 40454 | 0.18 | ng | 100 |
| 28) Fluoranthene | 19.103 | 202 | 54228 | 0.20 | ng | 100 |
| 30) Pyrene | 19.465 | 202 | 54609 | 0.22 | ng | 100 |
| 32) Benzo(a)anthracene | 21.217 | 228 | 51520 | 0.20 | ng | 99 |
| 33) Chrysene | 21.270 | 228 | 56527 | 0.22 | ng | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.164 | 149 | 23339 | 0.18 | ng | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.750 | 276 | 68646 | 0.21 | ng | 99 |
| 37) Benzo(b)fluoranthene | 22.803 | 252 | 57282 | 0.21 | ng | 98 |
| 38) Benzo(k)fluoranthene | 22.848 | 252 | 58735 | 0.22 | ng | 97 |
| 39) Benzo(a)pyrene | 23.378 | 252 | 51854 | 0.21 | ng | 97 |
| 40) Dibenzo(a,h)anthracene | 25.771 | 278 | 55619 | 0.21 | ng | 98 |
| 41) Benzo(g,h,i)perylene | 26.438 | 276 | 59108 | 0.21 | ng | 99 |

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

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