Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
Data File : BN016392.D
Acq On : 22 Sep 2021 01:48
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 22 04:34:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:21:55 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.679 | 152 | 25293 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.445 | 136 | 108059 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.294 | 164 | 57633 | 0.400 | ng | -0.01 |
| 19) Phenanthrene-d10 | 17.054 | 188 | 112663 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.249 | 240 | 105505 | 0.400 | ng | #-0.01 |
| 35) Perylene-d12 | 23.515 | 264 | 98934 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.282 | 112 | 23472 | 0.370 | ng | 0.00 |
| 5) Phenol-d6 | 6.849 | 99 | 28017 | 0.364 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.810 | 82 | 27291 | 0.425 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.038 | 152 | 64206 | 0.377 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.791 | 330 | 6493 | 0.384 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.924 | 172 | 91344 | 0.405 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.093 | 212 | 121639 | 0.373 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.703 | 244 | 106026 | 0.434 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.290 | 88 | 4289 | 0.408 | ng | # 87 |
| 3) n-Nitrosodimethylamine | 3.631 | 42 | 10201 | 0.424 | ng | # 71 |
| 6) bis(2-Chloroethyl)ether | 7.117 | 93 | 28010 | 0.409 | ng | 94 |
| 9) Naphthalene | 10.495 | 128 | 112107 | 0.385 | ng | 100 |
| 10) Hexachlorobutadiene | 10.787 | 225 | 22114 | 0.400 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.109 | 142 | 73975 | 0.383 | ng | 98 |
| 16) Acenaphthylene | 14.015 | 152 | 90187 | 0.336 | ng | 100 |
| 17) Acenaphthene | 14.357 | 154 | 64943 | 0.391 | ng | 99 |
| 18) Fluorene | 15.347 | 166 | 78556 | 0.381 | ng | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.436 | 198 | 4033 | 0.778 | ng | # 63 |
| 21) 4-Bromophenyl-phenylether | 16.251 | 248 | 25201 | 0.382 | ng | # 93 |
| 22) Hexachlorobenzene | 16.360 | 284 | 25099 | 0.403 | ng | # 90 |
| 23) Atrazine | 16.531 | 200 | 17798 | 0.295 | ng | 98 |
| 24) Pentachlorophenol | 16.701 | 266 | 8119 | 0.387 | ng | 99 |
| 25) Phenanthrene | 17.090 | 178 | 129812 | 0.408 | ng | 99 |
| 26) Anthracene | 17.188 | 178 | 106937 | 0.347 | ng | 99 |
| 28) Fluoranthene | 19.122 | 202 | 146366 | 0.399 | ng | 99 |
| 30) Pyrene | 19.485 | 202 | 144145 | 0.432 | ng | 99 |
| 32) Benzo(a)anthracene | 21.238 | 228 | 127679 | 0.377 | ng | 100 |
| 33) Chrysene | 21.291 | 228 | 139820 | 0.426 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.185 | 149 | 43981 | 0.241 | ng | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 25.809 | 276 | 139772 | 0.437 | ng | 100 |
| 37) Benzo(b)fluoranthene | 22.834 | 252 | 126622 | 0.403 | ng | 98 |
| 38) Benzo(k)fluoranthene | 22.879 | 252 | 133164 | 0.440 | ng | 98 |
| 39) Benzo(a)pyrene | 23.416 | 252 | 110093 | 0.387 | ng | 97 |
| 40) Dibenzo(a,h)anthracene | 25.829 | 278 | 121044 | 0.446 | ng | 96 |
| 41) Benzo(g,h,i)perylene | 26.510 | 276 | 116994 | 0.433 | ng | 95 |

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

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