Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111921\
Data File : BN017521.D
Acq On : 19 Nov 2021 13:30
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC3.2

Quant Time: Nov 19 14:29:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 12:29:22 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.865 | 152 | 30694 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.649 | 136 | 128387 | 0.400 | ng | #-0.01 |
| 13) Acenaphthene-d10 | 14.486 | 164 | 69252 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.226 | 188 | 133541 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.409 | 240 | 124278 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.780 | 264 | 105398 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.440 | 112 | 245039 | 3.354 | ng | 0.00 |
| 5) Phenol-d6 | 7.026 | 99 | 281112 | 3.576 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.014 | 82 | 303700 | 3.816 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.240 | 152 | 685039 | 3.247 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 0.000 | 330 | 0d | 0.000 | ng | |
| 15) 2-Fluorobiphenyl | 13.115 | 172 | 822800 | 3.150 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.258 | 212 | 1367336 | 3.428 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.858 | 244 | 890862 | 2.920 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.384 | 88 | 47005 | 3.478 | ng | 98 |
| 3) n-Nitrosodimethylamine | 3.706 | 42 | 101529 | 3.947 | ng | 95 |
| 6) bis(2-Chloroethyl)ether | 7.293 | 93 | 268196 | 3.184 | ng | 96 |
| 9) Naphthalene | 10.699 | 128 | 1021412 | 3.166 | ng | 100 |
| 10) Hexachlorobutadiene | 11.003 | 225 | 206500 | 3.062 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.315 | 142 | 657891 | 3.220 | ng | 98 |
| 16) Acenaphthylene | 14.206 | 152 | 979026 | 3.794 | ng | 100 |
| 17) Acenaphthene | 14.549 | 154 | 623660 | 3.332 | ng | 96 |
| 18) Fluorene | 15.526 | 166 | 759118 | 3.529 | ng | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.602 | 198 | 43704 | 8.331 | ng | # 82 |
| 21) 4-Bromophenyl-phenylether | 16.422 | 248 | 248344 | 3.283 | ng | # 75 |
| 22) Hexachlorobenzene | 16.544 | 284 | 257052 | 3.007 | ng | 96 |
| 24) Pentachlorophenol | 16.885 | 266 | 103132 | 6.035 | ng | 100 |
| 25) Phenanthrene | 17.262 | 178 | 1199959 | 3.270 | ng | 100 |
| 26) Anthracene | 17.359 | 178 | 1112076 | 3.653 | ng | 100 |
| 28) Fluoranthene | 19.287 | 202 | 1330627 | 3.380 | ng | 99 |
| 30) Pyrene | 19.650 | 202 | 1387733 | 3.108 | ng | 100 |
| 32) Benzo(a)anthracene | 21.398 | 228 | 1360012 | 3.535 | ng | 99 |
| 33) Chrysene | 21.452 | 228 | 1322230 | 3.342 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.220 | 276 | 1131180 | 4.651 | ng | 97 |
| 37) Benzo(b)fluoranthene | 23.061 | 252 | 1299705 | 3.283 | ng | 99 |
| 38) Benzo(k)fluoranthene | 23.109 | 252 | 1200789 | 3.299 | ng | 99 |
| 39) Benzo(a)pyrene | 23.674 | 252 | 1116632 | 3.636 | ng | 99 |
| 40) Dibenzo(a,h)anthracene | 26.238 | 278 | 927369 | 5.011 | ng | 97 |
| 41) Benzo(g,h,i)perylene | 26.970 | 276 | 960227 | 4.197 | ng | 98 |

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

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