Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111120\
Data File : BN012548.D
Acq On : 12 Nov 2020 02:01
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :**

Quant Time: Nov 12 04:17:26 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 05:46:47 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.465 | 152 | 418 | 0.40 | ng | #-0.02 |
| 7) Naphthalene-d8 | 10.225 | 136 | 1736 | 0.40 | ng | #-0.03 |
| 13) Acenaphthene-d10 | 14.116 | 164 | 1026 | 0.40 | ng | -0.03 |
| 19) Phenanthrene-d10 | 16.858 | 188 | 2111 | 0.40 | ng | #-0.02 |
| 29) Chrysene-d12 | 21.067 | 240 | 2506 | 0.40 | ng | #-0.03 |
| 36) Perylene-d12 | 23.186 | 264 | 3074 | 0.40 | ng | -0.04 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.073 | 112 | 483 | 0.33 | ng | -0.02 |
| 5) Phenol-d6 | 6.644 | 99 | 578 | 0.34 | ng | -0.03 |
| 8) Nitrobenzene-d5 | 8.615 | 82 | 799 | 0.39 | ng | -0.03 |
| 11) 2-Methylnaphthalene-d10 | 11.829 | 152 | 1073 | 0.38 | ng | -0.03 |
| 14) 2,4,6-Tribromophenol | 15.613 | 330 | 277 | 0.37 | ng | -0.03 |
| 15) 2-Fluorobiphenyl | 12.733 | 172 | 1458 | 0.36 | ng | -0.03 |
| 27) Fluoranthene-d10 | 18.903 | 212 | 2570 | 0.39 | ng | -0.02 |
| 31) Terphenyl-d14 | 19.519 | 244 | 2243 | 0.38 | ng | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.036 | 88 | 217 | 0.33 | ng | # 73 |
| 3) n-Nitrosodimethylamine | 3.358 | 42 | 814 | 0.46 | ng | # 52 |
| 6) bis(2-Chloroethyl)ether | 6.901 | 93 | 420 | 0.36 | ng | # 81 |
| 9) Naphthalene | 10.275 | 128 | 1817 | 0.37 | ng | # 94 |
| 10) Hexachlorobutadiene | 10.567 | 225 | 421 | 0.40 | ng | # 98 |
| 12) 2-Methylnaphthalene | 11.904 | 142 | 1193 | 0.38 | ng | # 82 |
| 16) Acenaphthylene | 13.824 | 152 | 1824 | 0.35 | ng | 100 |
| 17) Acenaphthene | 14.179 | 154 | 1159 | 0.35 | ng | 88 |
| 18) Fluorene | 15.169 | 166 | 1505 | 0.36 | ng | 97 |
| 20) 4,6-Dinitro-2-methylph... | 15.283 | 198 | 188 | 0.37 | ng | # 58 |
| 21) 4-Bromophenyl-phenylether | 16.067 | 248 | 479 | 0.39 | ng | # 90 |
| 22) Hexachlorobenzene | 16.177 | 284 | 626 | 0.39 | ng | # 77 |
| 23) Atrazine | 16.347 | 200 | 502 | 0.40 | ng | 93 |
| 24) Pentachlorophenol | 16.530 | 266 | 310 | 0.42 | ng | 94 |
| 25) Phenanthrene | 16.907 | 178 | 2332 | 0.37 | ng | 97 |
| 26) Anthracene | 16.992 | 178 | 2118 | 0.37 | ng | 97 |
| 28) Fluoranthene | 18.933 | 202 | 2911 | 0.39 | ng | 98 |
| 30) Pyrene | 19.300 | 202 | 2985 | 0.35 | ng | 99 |
| 32) Benzo(a)anthracene | 21.057 | 228 | 2944 | 0.37 | ng | 99 |
| 33) Chrysene | 21.110 | 228 | 3191 | 0.38 | ng | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.004 | 149 | 2031 | 0.38 | ng | 92 |
| 35) Indeno(1,2,3-cd)pyrene | 25.274 | 276 | 5114 | 0.41 | ng | # 93 |
| 37) Benzo(b)fluoranthene | 22.563 | 252 | 3549 | 0.36 | ng | 94 |
| 38) Benzo(k)fluoranthene | 22.604 | 252 | 3968m | 0.38 | ng | |
| 39) Benzo(a)pyrene | 23.097 | 252 | 3566 | 0.37 | ng | # 85 |
| 40) Dibenzo(a,h)anthracene | 25.287 | 278 | 4263 | 0.39 | ng | 94 |
| 41) Benzo(g,h,i)perylene | 25.907 | 276 | 4273 | 0.38 | ng | # 95 |

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

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