Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
Data File : BN015028.D
Acq On : 24 Jun 2021 04:25
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
6/24/2021 9:53:25 AM

Quant Time: Jun 24 05:43:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 23 16:24:59 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.750 | 152 | 23790 | 0.400 | ng | # 0.00 |
| 7) Naphthalene-d8 | 10.505 | 136 | 104884 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.358 | 164 | 55711 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.103 | 188 | 107486 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.292 | 240 | 96656 | 0.400 | ng | #-0.01 |
| 35) Perylene-d12 | 23.540 | 264 | 87145 | 0.400 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.371 | 112 | 26808 | 0.364 | ng | 0.00 |
| 5) Phenol-d6 | 6.911 | 99 | 32539 | 0.349 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.883 | 82 | 27172 | 0.343 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.097 | 152 | 63847 | 0.355 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.843 | 330 | 8338 | 0.319 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.975 | 172 | 83114 | 0.393 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.138 | 212 | 114483 | 0.338 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.739 | 244 | 87283 | 0.364 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.352 | 88 | 3624m | 0.363 | ng | |
| 3) n-Nitrosodimethylamine | 3.702 | 42 | 7787 | 0.352 | ng | # 73 |
| 6) bis(2-Chloroethyl)ether | 7.178 | 93 | 28852 | 0.394 | ng | # 84 |
| 9) Naphthalene | 10.556 | 128 | 111918 | 0.381 | ng | 97 |
| 10) Hexachlorobutadiene | 10.847 | 225 | 21700 | 0.372 | ng | # 98 |
| 12) 2-Methylnaphthalene | 12.172 | 142 | 73645 | 0.372 | ng | # 88 |
| 16) Acenaphthylene | 14.066 | 152 | 92700 | 0.329 | ng | 98 |
| 17) Acenaphthene | 14.422 | 154 | 63614 | 0.369 | ng | 98 |
| 18) Fluorene | 15.399 | 166 | 77852 | 0.366 | ng | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.475 | 198 | 741 | 0.219 | ng | # 61 |
| 21) 4-Bromophenyl-phenylether | 16.300 | 248 | 24794 | 0.357 | ng | 94 |
| 22) Hexachlorobenzene | 16.410 | 284 | 27780 | 0.379 | ng | # 93 |
| 23) Atrazine | 16.568 | 200 | 16582 | 0.267 | ng | 94 |
| 24) Pentachlorophenol | 16.750 | 266 | 7528 | 0.279 | ng | 99 |
| 25) Phenanthrene | 17.140 | 178 | 125592 | 0.383 | ng | 99 |
| 26) Anthracene | 17.225 | 178 | 110041 | 0.343 | ng | 99 |
| 28) Fluoranthene | 19.163 | 202 | 139904 | 0.377 | ng | # 97 |
| 30) Pyrene | 19.525 | 202 | 141494 | 0.370 | ng | 99 |
| 32) Benzo(a)anthracene | 21.281 | 228 | 126601 | 0.347 | ng | 97 |
| 33) Chrysene | 21.334 | 228 | 133899 | 0.384 | ng | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.228 | 149 | 54889 | 0.216 | ng | # 87 |
| 36) Indeno(1,2,3-cd)pyrene | 25.799 | 276 | 102444 | 0.352 | ng | # 84 |
| 37) Benzo(b)fluoranthene | 22.869 | 252 | 127937 | 0.391 | ng | # 95 |
| 38) Benzo(k)fluoranthene | 22.910 | 252 | 132525 | 0.420 | ng | # 94 |
| 39) Benzo(a)pyrene | 23.444 | 252 | 110132 | 0.383 | ng | # 91 |
| 40) Dibenzo(a,h)anthracene | 25.816 | 278 | 79781 | 0.339 | ng | # 91 |
| 41) Benzo(g,h,i)perylene | 26.487 | 276 | 84188 | 0.333 | ng | # 89 |

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

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