Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016288.D
Acq On : 10 Sep 2021 13:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
9/10/2021 3:24:17 PM

Quant Time: Sep 10 14:34:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 10 14:34:37 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.864 | 152 | 11387 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.660 | 136 | 57249 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.484 | 164 | 32481 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.237 | 188 | 65651 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.429 | 240 | 56616 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.816 | 264 | 30746 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.466 | 112 | 11806 | 0.407 | ng | | 0.00 |
| 5) Phenol-d6 | 7.043 | 99 | 14692 | 0.404 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.025 | 82 | 17960 | 0.390 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.247 | 152 | 35832 | 0.401 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.982 | 330 | 5258 | 0.395 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.114 | 172 | 51159 | 0.402 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.271 | 212 | 77825 | 0.403 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.867 | 244 | 66480 | 0.468 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.373 | 88 | 1828m | 0.452 | ng | | |
| 3) n-Nitrosodimethylamine | 3.751 | 42 | 2972 | 0.355 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 7.292 | 93 | 12466 | 0.416 | ng | | 99 |
| 9) Naphthalene | 10.711 | 128 | 61988 | 0.405 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.990 | 225 | 12648 | 0.405 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.318 | 142 | 42340 | 0.411 | ng | | 100 |
| 16) Acenaphthylene | 14.205 | 152 | 57741 | 0.397 | ng | | 100 |
| 17) Acenaphthene | 14.548 | 154 | 37949 | 0.402 | ng | | 100 |
| 18) Fluorene | 15.537 | 166 | 47175 | 0.404 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.639 | 198 | 362 | 0.340 | ng | # | 84 |
| 21) 4-Bromophenyl-phenylether | 16.433 | 248 | 14159 | 0.403 | ng | | 99 |
| 22) Hexachlorobenzene | 16.543 | 284 | 16814 | 0.400 | ng | | 99 |
| 23) Atrazine | 16.701 | 200 | 10580 | 0.328 | ng | | 98 |
| 24) Pentachlorophenol | 16.896 | 266 | 2353 | 0.474 | ng | | 97 |
| 25) Phenanthrene | 17.273 | 178 | 76870 | 0.403 | ng | | 99 |
| 26) Anthracene | 17.370 | 178 | 70256 | 0.401 | ng | | 100 |
| 28) Fluoranthene | 19.301 | 202 | 91098 | 0.407 | ng | | 100 |
| 30) Pyrene | 19.664 | 202 | 91694 | 0.478 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.408 | 228 | 77210 | 0.437 | ng | | 99 |
| 33) Chrysene | 21.461 | 228 | 75743 | 0.433 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.334 | 149 | 50896 | 0.468 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.295 | 276 | 20393 | 0.399 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.087 | 252 | 52985m | 0.446 | ng | | |
| 38) Benzo(k)fluoranthene | 23.135 | 252 | 48405 | 0.458 | ng | | 96 |
| 39) Benzo(a)pyrene | 23.710 | 252 | 38981 | 0.442 | ng | # | 88 |
| 40) Dibenzo(a,h)anthracene | 26.305 | 278 | 16386 | 0.419 | ng | # | 93 |
| 41) Benzo(g,h,i)perylene | 27.048 | 276 | 16520 | 0.389 | ng | | 95 |

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

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