Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021526.D
Acq On : 01 Sep 2022 15:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 02 00:58:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.069 | 152 | 4856 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.898 | 136 | 15216 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.718 | 164 | 8593 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.470 | 188 | 17607 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.664 | 240 | 11762 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.185 | 264 | 7690 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.592 | 112 | 4132 | 0.435 | ng | | 0.00 |
| 5) Phenol-d6 | 7.217 | 99 | 5217 | 0.431 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.243 | 82 | 4164 | 0.405 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.486 | 152 | 16041 | 0.468 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.218 | 330 | 1070 | 0.379 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.349 | 172 | 15476 | 0.412 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.505 | 212 | 17989 | 0.397 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.097 | 244 | 11963 | 0.453 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.403 | 88 | 2642 | 0.435 | ng | # | 89 |
| 3) n-Nitrosodimethylamine | 3.743 | 42 | 2325 | 0.425 | ng | # | 91 |
| 6) bis(2-Chloroethyl)ether | 7.484 | 93 | 6391 | 0.419 | ng | | 97 |
| 9) Naphthalene | 10.951 | 128 | 18617 | 0.413 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.240 | 225 | 3236 | 0.415 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.183 | 142 | 2538 | 0.465 | ng | # | 96 |
| 16) Acenaphthylene | 14.440 | 152 | 15870 | 0.393 | ng | | 100 |
| 17) Acenaphthene | 14.782 | 154 | 11809 | 0.416 | ng | | 100 |
| 18) Fluorene | 15.765 | 166 | 14564 | 0.416 | ng | | 100 |
| 21) 4-Bromophenyl-phenylether | 16.659 | 248 | 4458 | 0.405 | ng | # | 92 |
| 22) Hexachlorobenzene | 16.772 | 284 | 5548 | 0.412 | ng | | 99 |
| 23) Atrazine | 16.926 | 200 | 2468 | 0.384 | ng | | 97 |
| 24) Pentachlorophenol | 17.121 | 266 | 1008 | 0.452 | ng | | 98 |
| 25) Phenanthrene | 17.511 | 178 | 24726 | 0.407 | ng | | 100 |
| 26) Anthracene | 17.603 | 178 | 19102 | 0.396 | ng | | 100 |
| 28) Fluoranthene | 19.531 | 202 | 24881 | 0.394 | ng | | 100 |
| 30) Pyrene | 19.898 | 202 | 27393 | 0.437 | ng | | 96 |
| 32) Benzo(a)anthracene | 21.646 | 228 | 16564 | 0.404 | ng | | 100 |
| 33) Chrysene | 21.700 | 228 | 20605 | 0.422 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.557 | 149 | 6977 | 0.423 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.848 | 276 | 13983 | 0.403 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.410 | 252 | 15411 | 0.407 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 23.460 | 252 | 15065 | 0.395 | ng | | 100 |
| 39) Benzo(a)pyrene | 24.074 | 252 | 11017 | 0.417 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 26.866 | 278 | 11110 | 0.398 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 27.658 | 276 | 11941 | 0.390 | ng | | 99 |

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

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