Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110122\
Data File : BN022444.D
Acq On : 01 Nov 2022 21:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 51 Sample Multiplier: 1

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

Quant Time: Nov 02 05:37:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:31:40 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.928 | 152 | 3501 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.752 | 136 | 12052 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.600 | 164 | 6502 | 0.400 | ng | | 0.01 |
| 19) Phenanthrene-d10 | 17.350 | 188 | 10753 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.555 | 240 | 6844 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.002 | 264 | 5873 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.458 | 112 | 4188 | 0.449 | ng | | 0.00 |
| 5) Phenol-d6 | 7.090 | 99 | 5352 | 0.458 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.108 | 82 | 3669 | 0.352 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.349 | 152 | 7589 | 0.401 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.096 | 330 | 798 | 0.286 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.220 | 172 | 11437 | 0.411 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.390 | 212 | 9385 | 0.316 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.984 | 244 | 8469 | 0.475 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.276 | 88 | 2268 | 0.463 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.623 | 42 | 2451 | 0.470 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.350 | 93 | 5192 | 0.463 | ng | | 99 |
| 9) Naphthalene | 10.795 | 128 | 14102 | 0.391 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.083 | 225 | 2720 | 0.445 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.066 | 142 | 2538 | 0.354 | ng | | 96 |
| 16) Acenaphthylene | 14.311 | 152 | 11420 | 0.363 | ng | | 99 |
| 17) Acenaphthene | 14.653 | 154 | 8175 | 0.381 | ng | | 100 |
| 18) Fluorene | 15.647 | 166 | 10428 | 0.349 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.749 | 198 | 323 | 0.188 | ng | # | 59 |
| 21) 4-Bromophenyl-phenylether | 16.543 | 248 | 2718 | 0.419 | ng | # | 87 |
| 22) Hexachlorobenzene | 16.655 | 284 | 3309 | 0.445 | ng | | 99 |
| 23) Atrazine | 16.816 | 200 | 1795 | 0.331 | ng | | 98 |
| 24) Pentachlorophenol | 17.015 | 266 | 709 | 0.231 | ng | | 98 |
| 25) Phenanthrene | 17.387 | 178 | 14037 | 0.381 | ng | | 99 |
| 26) Anthracene | 17.486 | 178 | 11009 | 0.354 | ng | | 100 |
| 28) Fluoranthene | 19.420 | 202 | 12914 | 0.323 | ng | | 99 |
| 30) Pyrene | 19.786 | 202 | 12882 | 0.409 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.537 | 228 | 10209 | 0.379 | ng | | 99 |
| 33) Chrysene | 21.591 | 228 | 11149 | 0.396 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.447 | 149 | 5504 | 0.268 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.566 | 276 | 12350 | 0.426 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.248 | 252 | 10276 | 0.382 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.295 | 252 | 10180 | 0.381 | ng | | 96 |
| 39) Benzo(a)pyrene | 23.888 | 252 | 8441 | 0.386 | ng | | 97 |
| 40) Dibenzo(a,h)anthracene | 26.587 | 278 | 9814 | 0.433 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 27.350 | 276 | 10411 | 0.435 | ng | | 98 |

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

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