Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
Data File : BN034169.D
Acq On : 23 Sep 2024 16:43
Operator : JU/RC
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 23 17:32:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.423 | 152 | 4331 | 0.400 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.180 | 136 | 12626 | 0.400 | ng | | -0.02 |
| 13) Acenaphthene-d10 | 14.069 | 164 | 7024 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 16.828 | 188 | 15522 | 0.400 | ng | | -0.01 |
| 29) Chrysene-d12 | 21.050 | 240 | 10252 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.166 | 264 | 8131 | 0.400 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.061 | 112 | 4015 | 0.327 | ng | | -0.01 |
| 5) Phenol-d6 | 6.621 | 99 | 4568 | 0.320 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 8.557 | 82 | 3726 | 0.386 | ng | | -0.02 |
| 11) 2-Methylnaphthalene-d10 | 11.780 | 152 | 6735 | 0.361 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.574 | 330 | 946 | 0.297 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.689 | 172 | 11547 | 0.404 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 18.869 | 212 | 13735 | 0.351 | ng | | -0.02 |
| 31) Terphenyl-d14 | 19.491 | 244 | 7594 | 0.371 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.068 | 88 | 2230 | 0.412 | ng | | 92 |
| 3) n-Nitrosodimethylamine | 3.371 | 42 | 2952 | 0.479 | ng | # | 76 |
| 6) bis(2-Chloroethyl)ether | 6.867 | 93 | 4682 | 0.370 | ng | | 95 |
| 9) Naphthalene | 10.223 | 128 | 13660 | 0.394 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.522 | 225 | 2673 | 0.409 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.855 | 142 | 8723 | 0.387 | ng | | 98 |
| 16) Acenaphthylene | 13.780 | 152 | 11708 | 0.389 | ng | | 100 |
| 17) Acenaphthene | 14.133 | 154 | 8747 | 0.406 | ng | | 99 |
| 18) Fluorene | 15.127 | 166 | 11536 | 0.408 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.223 | 198 | 713 | 0.385 | ng | # | 90 |
| 21) 4-Bromophenyl-phenylether | 16.033 | 248 | 3353 | 0.384 | ng | # | 92 |
| 22) Hexachlorobenzene | 16.132 | 284 | 3946 | 0.403 | ng | | 93 |
| 23) Atrazine | 16.319 | 200 | 2491 | 0.344 | ng | | 96 |
| 24) Pentachlorophenol | 16.492 | 266 | 1113 | 0.344 | ng | | 99 |
| 25) Phenanthrene | 16.865 | 178 | 17846 | 0.400 | ng | | 100 |
| 26) Anthracene | 16.964 | 178 | 14245 | 0.392 | ng | | 100 |
| 28) Fluoranthene | 18.901 | 202 | 19549 | 0.379 | ng | | 99 |
| 30) Pyrene | 19.268 | 202 | 20015 | 0.463 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.032 | 228 | 12578 | 0.388 | ng | | 99 |
| 33) Chrysene | 21.086 | 228 | 15844 | 0.409 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.006 | 149 | 1867 | 0.138 | ng | # | 84 |
| 36) Indeno(1,2,3-cd)pyrene | 25.248 | 276 | 12160 | 0.349 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.540 | 252 | 13485 | 0.423 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 22.584 | 252 | 14747 | 0.441 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.075 | 252 | 10254 | 0.395 | ng | | 97 |
| 40) Dibenzo(a,h)anthracene | 25.265 | 278 | 9335 | 0.345 | ng | | 96 |
| 41) Benzo(g,h,i)perylene | 25.876 | 276 | 10417 | 0.343 | ng | | 98 |

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

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