Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025680.D
Acq On : 28 May 2023 14:26
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 78 Sample Multiplier: 1

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

Quant Time: May 29 01:38:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.019 | 152 | 5905 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.835 | 136 | 16061 | 0.400 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.651 | 164 | 8685 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.393 | 188 | 16895 | 0.400 | ng | | # 0.00 |
| 29) Chrysene-d12 | 21.578 | 240 | 9260 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 24.063 | 264 | 8790 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.556 | 112 | 6011 | 0.397 | ng | | 0.00 |
| 5) Phenol-d6 | 7.167 | 99 | 7173 | 0.395 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.180 | 82 | 5252 | 0.391 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.419 | 152 | 9095 | 0.397 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.152 | 330 | 841 | 0.479 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.283 | 172 | 14765 | 0.412 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.421 | 212 | 14089 | 0.368 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.015 | 244 | 8680 | 0.428 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.397 | 88 | 2981 | 0.436 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.744 | 42 | 2421 | 0.329 | ng | # | 91 |
| 6) bis(2-Chloroethyl)ether | 7.434 | 93 | 7425 | 0.398 | ng | | 98 |
| 9) Naphthalene | 10.889 | 128 | 18261 | 0.416 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.166 | 225 | 3175 | 0.417 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.494 | 142 | 12039 | 0.398 | ng | | 99 |
| 16) Acenaphthylene | 14.373 | 152 | 16495 | 0.402 | ng | | 100 |
| 17) Acenaphthene | 14.715 | 154 | 11105 | 0.411 | ng | | 99 |
| 18) Fluorene | 15.693 | 166 | 14299 | 0.400 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.780 | 198 | 894 | 0.494 | ng | # | 80 |
| 21) 4-Bromophenyl-phenylether | 16.586 | 248 | 3915 | 0.408 | ng | # | 87 |
| 22) Hexachlorobenzene | 16.698 | 284 | 3678 | 0.420 | ng | | 99 |
| 23) Atrazine | 16.847 | 200 | 2901 | 0.379 | ng | | 94 |
| 24) Pentachlorophenol | 17.070 | 266 | 516 | 0.771 | ng | # | 81 |
| 25) Phenanthrene | 17.430 | 178 | 21169 | 0.412 | ng | | 99 |
| 26) Anthracene | 17.530 | 178 | 18251 | 0.392 | ng | | 99 |
| 28) Fluoranthene | 19.453 | 202 | 20705 | 0.369 | ng | | 99 |
| 30) Pyrene | 19.811 | 202 | 20894 | 0.464 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.560 | 228 | 13698 | 0.397 | ng | | 99 |
| 33) Chrysene | 21.614 | 228 | 15831 | 0.423 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.471 | 149 | 8307 | 0.395 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.665 | 276 | 16098 | 0.477 | ng | # | 61 |
| 37) Benzo(b)fluoranthene | 23.306 | 252 | 13373 | 0.400 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 23.355 | 252 | 13731 | 0.394 | ng | | 100 |
| 39) Benzo(a)pyrene | 23.958 | 252 | 13198 | 0.413 | ng | | 98 |
| 40) Dibenzo(a,h)anthracene | 26.703 | 278 | 12557 | 0.470 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 27.466 | 276 | 14768 | 0.485 | ng | | 98 |

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

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