Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102524\
Data File : BN034738.D
Acq On : 26 Oct 2024 12:41
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 28 00:53:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 28 00:44:15 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.647 | 152 | 8130 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.415 | 136 | 24525 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.275 | 164 | 12602 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.019 | 188 | 24904 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.205 | 240 | 13546 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.408 | 264 | 11315 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.264 | 112 | 9985 | 0.413 | ng | | 0.00 |
| 5) Phenol-d6 | 6.824 | 99 | 13388 | 0.420 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.781 | 82 | 7452 | 0.362 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.014 | 152 | 12150 | 0.360 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.766 | 330 | 1479 | 0.379 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.896 | 172 | 17246 | 0.344 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.052 | 212 | 19533 | 0.348 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.661 | 244 | 10832 | 0.391 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.241 | 88 | 3837 | 0.355 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.538 | 42 | 5974 | 0.379 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 7.084 | 93 | 9831 | 0.380 | ng | | 99 |
| 9) Naphthalene | 10.468 | 128 | 24849 | 0.366 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.767 | 225 | 3657 | 0.359 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.086 | 142 | 15365 | 0.365 | ng | | 99 |
| 16) Acenaphthylene | 13.998 | 152 | 20253 | 0.335 | ng | | 100 |
| 17) Acenaphthene | 14.340 | 154 | 48843 | 1.171 | ng | | 98 |
| 18) Fluorene | 15.323 | 166 | 17995 | 0.350 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.398 | 198 | 1080 | 0.311 | ng | # | 78 |
| 21) 4-Bromophenyl-phenylether | 16.225 | 248 | 4662 | 0.351 | ng | # | 89 |
| 22) Hexachlorobenzene | 16.337 | 284 | 5134 | 0.357 | ng | | 98 |
| 23) Atrazine | 16.498 | 200 | 3782 | 0.363 | ng | # | 93 |
| 24) Pentachlorophenol | 16.672 | 266 | 13312 | 2.614 | ng | | 99 |
| 25) Phenanthrene | 17.056 | 178 | 26988 | 0.361 | ng | | 100 |
| 26) Anthracene | 17.156 | 178 | 23432 | 0.353 | ng | | 100 |
| 28) Fluoranthene | 19.085 | 202 | 27764 | 0.356 | ng | | 100 |
| 30) Pyrene | 19.447 | 202 | 113993 | 1.638 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.196 | 228 | 18966 | 0.367 | ng | | 99 |
| 33) Chrysene | 21.241 | 228 | 19403 | 0.362 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.160 | 149 | 17000 | 0.579 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.612 | 276 | 15395 | 0.353 | ng | | 96 |
| 37) Benzo(b)fluoranthene | 22.753 | 252 | 16622 | 0.368 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 22.797 | 252 | 16668 | 0.374 | ng | | 97 |
| 39) Benzo(a)pyrene | 23.312 | 252 | 13079 | 0.361 | ng | | 98 |
| 40) Dibenzo(a,h)anthracene | 25.630 | 278 | 12499 | 0.364 | ng | | 95 |
| 41) Benzo(g,h,i)perylene | 26.279 | 276 | 13433 | 0.355 | ng | | 99 |

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

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