Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091923\
Data File : BN027744.D
Acq On : 19 Sep 2023 09:19
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 19 11:02:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 14:40:21 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.008 | 152 | 2130 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.831 | 136 | 7138 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.640 | 164 | 4886 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.393 | 188 | 13766 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.578 | 240 | 13585 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.075 | 264 | 13216 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.538 | 112 | 2313 | 0.415 | ng | | 0.00 |
| 5) Phenol-d6 | 7.156 | 99 | 2772 | 0.406 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.208 | 82 | 2304 | 0.398 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.411 | 152 | 4513 | 0.429 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.139 | 330 | 821 | 0.360 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.272 | 172 | 6858 | 0.412 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.421 | 212 | 14895 | 0.387 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.006 | 244 | 10818 | 0.424 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.422 | 88 | 1069 | 0.430 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 3.776 | 42 | 1339 | 0.439 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 7.445 | 93 | 2893 | 0.432 | ng | | 99 |
| 9) Naphthalene | 10.885 | 128 | 8507 | 0.433 | ng | | 98 |
| 10) Hexachlorobutadiene | 11.109 | 225 | 1491 | 0.440 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.483 | 142 | 5990 | 0.435 | ng | | 98 |
| 16) Acenaphthylene | 14.373 | 152 | 8485 | 0.408 | ng | | 100 |
| 17) Acenaphthene | 14.705 | 154 | 6129 | 0.424 | ng | | 97 |
| 18) Fluorene | 15.693 | 166 | 9309 | 0.437 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 16.847 | 198 | 77 | 0.361 | ng | # | 10 |
| 21) 4-Bromophenyl-phenylether | 16.586 | 248 | 2814 | 0.402 | ng | # | 77 |
| 22) Hexachlorobenzene | 16.661 | 284 | 3262 | 0.415 | ng | | 98 |
| 23) Atrazine | 16.847 | 200 | 2106 | 0.371 | ng | # | 94 |
| 24) Pentachlorophenol | 17.033 | 266 | 1154 | 0.297 | ng | | 98 |
| 25) Phenanthrene | 17.443 | 178 | 16697 | 0.417 | ng | | 100 |
| 26) Anthracene | 17.530 | 178 | 13886 | 0.403 | ng | | 100 |
| 28) Fluoranthene | 19.453 | 202 | 20269 | 0.386 | ng | | 100 |
| 30) Pyrene | 19.816 | 202 | 20863 | 0.450 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.560 | 228 | 19145 | 0.394 | ng | | 98 |
| 33) Chrysene | 21.614 | 228 | 22254 | 0.432 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.435 | 149 | 8236 | 0.360 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.712 | 276 | 21623 | 0.362 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.300 | 252 | 20627 | 0.420 | ng | # | 91 |
| 38) Benzo(k)fluoranthene | 23.352 | 252 | 21032 | 0.420 | ng | # | 90 |
| 39) Benzo(a)pyrene | 23.963 | 252 | 18176 | 0.390 | ng | # | 84 |
| 40) Dibenzo(a,h)anthracene | 26.735 | 278 | 17751 | 0.363 | ng | | 94 |
| 41) Benzo(g,h,i)perylene | 27.525 | 276 | 20165 | 0.379 | ng | | 98 |

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

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