Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030964.D
Acq On : 16 Apr 2024 09:40
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 16 11:27:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.646 | 152 | 5857 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.421 | 136 | 17950 | 0.400 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.284 | 164 | 10223 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.040 | 188 | 23389 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.231 | 240 | 22097 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.451 | 264 | 22864 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.241 | 112 | 5080 | 0.389 | ng | | 0.00 |
| 5) Phenol-d6 | 6.823 | 99 | 6290 | 0.398 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.798 | 82 | 4652 | 0.374 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.016 | 152 | 10410 | 0.377 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.786 | 330 | 1383 | 0.349 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.905 | 172 | 10981 | 0.320 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.075 | 212 | 23399 | 0.371 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.679 | 244 | 17981 | 0.351 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.190 | 88 | 2449 | 0.340 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.508 | 42 | 2328 | 0.345 | ng | | 99 |
| 6) bis(2-Chloroethyl)ether | 7.083 | 93 | 5894 | 0.377 | ng | | 99 |
| 9) Naphthalene | 10.474 | 128 | 19055 | 0.385 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.752 | 225 | 3826 | 0.385 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.092 | 142 | 12375 | 0.376 | ng | | 99 |
| 16) Acenaphthylene | 14.006 | 152 | 16078 | 0.357 | ng | | 100 |
| 17) Acenaphthene | 14.348 | 154 | 12072 | 0.380 | ng | | 99 |
| 18) Fluorene | 15.342 | 166 | 15605 | 0.371 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.428 | 198 | 923 | 0.363 | ng | | 93 |
| 21) 4-Bromophenyl-phenylether | 16.233 | 248 | 5087 | 0.366 | ng | # | 83 |
| 22) Hexachlorobenzene | 16.333 | 284 | 6171 | 0.380 | ng | | 99 |
| 23) Atrazine | 16.506 | 200 | 3488 | 0.347 | ng | # | 93 |
| 24) Pentachlorophenol | 16.693 | 266 | 1871 | 0.418 | ng | | 97 |
| 25) Phenanthrene | 17.077 | 178 | 25873 | 0.375 | ng | | 100 |
| 26) Anthracene | 17.164 | 178 | 20332 | 0.356 | ng | | 100 |
| 28) Fluoranthene | 19.103 | 202 | 30671 | 0.370 | ng | | 100 |
| 30) Pyrene | 19.470 | 202 | 31484 | 0.367 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.222 | 228 | 31079 | 0.404 | ng | | 98 |
| 33) Chrysene | 21.267 | 228 | 31303 | 0.374 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.151 | 149 | 13673 | 0.388 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 25.682 | 276 | 38592 | 0.363 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.784 | 252 | 34170 | 0.362 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 22.828 | 252 | 32318 | 0.350 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.355 | 252 | 28766 | 0.366 | ng | | 96 |
| 40) Dibenzo(a,h)anthracene | 25.696 | 278 | 30617 | 0.360 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 26.363 | 276 | 34297 | 0.366 | ng | | 100 |

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

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