Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010225\
Data File : BN035873.D
Acq On : 02 Jan 2025 12:40
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICCC0.4

Quant Time: Jan 02 15:49:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.836 | 152 | 1261 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.626 | 136 | 2582 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.462 | 164 | 1358 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.210 | 188 | 2769 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.384 | 240 | 2381 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.694 | 264 | 2623 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.409 | 112 | 1200 | 0.388 | ng | | 0.00 |
| 5) Phenol-d6 | 6.983 | 99 | 1488 | 0.387 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.981 | 82 | 764 | 0.374 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.217 | 152 | 1360 | 0.393 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.956 | 330 | 256 | 0.393 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.093 | 172 | 2320 | 0.389 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.238 | 212 | 2707 | 0.394 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.837 | 244 | 1882 | 0.397 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.322 | 88 | 470 | 0.375 | ng | | 100 |
| 3) n-Nitrosodimethylamine | 3.632 | 42 | 853 | 0.390 | ng | | 100 |
| 6) bis(2-Chloroethyl)ether | 7.258 | 93 | 1180 | 0.403 | ng | | 100 |
| 9) Naphthalene | 10.679 | 128 | 2805 | 0.387 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.978 | 225 | 912 | 0.388 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.293 | 142 | 1768 | 0.394 | ng | | 100 |
| 16) Acenaphthylene | 14.184 | 152 | 2470 | 0.386 | ng | | 100 |
| 17) Acenaphthene | 14.526 | 154 | 1627 | 0.388 | ng | | 100 |
| 18) Fluorene | 15.509 | 166 | 1775 | 0.385 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.572 | 198 | 185 | 0.385 | ng | | 100 |
| 21) 4-Bromophenyl-phenylether | 16.403 | 248 | 743 | 0.391 | ng | | 100 |
| 22) Hexachlorobenzene | 16.515 | 284 | 986 | 0.381 | ng | | 100 |
| 23) Atrazine | 16.664 | 200 | 486 | 0.382 | ng | | 100 |
| 24) Pentachlorophenol | 16.850 | 266 | 327 | 0.357 | ng | | 100 |
| 25) Phenanthrene | 17.247 | 178 | 3161 | 0.391 | ng | | 100 |
| 26) Anthracene | 17.334 | 178 | 2792 | 0.380 | ng | | 100 |
| 28) Fluoranthene | 19.266 | 202 | 3684 | 0.391 | ng | | 100 |
| 30) Pyrene | 19.628 | 202 | 3740 | 0.387 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.375 | 228 | 3201 | 0.381 | ng | | 100 |
| 33) Chrysene | 21.420 | 228 | 3430 | 0.391 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.321 | 149 | 1386 | 0.406 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.048 | 276 | 3709 | 0.359 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.998 | 252 | 3395 | 0.377 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 23.045 | 252 | 3282 | 0.368 | ng | | 100 |
| 39) Benzo(a)pyrene | 23.589 | 252 | 2848 | 0.365 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 26.071 | 278 | 2902 | 0.353 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.764 | 276 | 3265 | 0.355 | ng | | 100 |

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

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