Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093022\
Data File : BN021969.D
Acq On : 30 Sep 2022 16:05
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN093022

Quant Time: Sep 30 18:25:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 16:20:22 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.989 | 152 | 3645 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.823 | 136 | 11005 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.654 | 164 | 6001 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.413 | 188 | 12145 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.610 | 240 | 10032 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 24.096 | 264 | 8067 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.512 | 112 | 3681 | 0.386 | ng | | 0.00 |
| 5) Phenol-d6 | 7.144 | 99 | 4646 | 0.381 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.169 | 82 | 3721 | 0.387 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.414 | 152 | 8454 | 0.413 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.159 | 330 | 913 | 0.343 | ng | | 0.01 |
| 15) 2-Fluorobiphenyl | 13.285 | 172 | 10516 | 0.405 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.446 | 212 | 12802 | 0.385 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.042 | 244 | 8527 | 0.422 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.324 | 88 | 2006 | 0.413 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.671 | 42 | 2179 | 0.396 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.412 | 93 | 4906 | 0.396 | ng | | 98 |
| 9) Naphthalene | 10.866 | 128 | 13338 | 0.400 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.154 | 225 | 2305 | 0.403 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.119 | 142 | 2205 | 0.341 | ng | # | 95 |
| 16) Acenaphthylene | 14.376 | 152 | 10360 | 0.364 | ng | | 99 |
| 17) Acenaphthene | 14.718 | 154 | 7948 | 0.394 | ng | | 100 |
| 18) Fluorene | 15.701 | 166 | 8966 | 0.374 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.787 | 198 | 699 | 0.340 | ng | # | 13 |
| 21) 4-Bromophenyl-phenylether | 16.593 | 248 | 2955 | 0.385 | ng | | 93 |
| 22) Hexachlorobenzene | 16.717 | 284 | 3629 | 0.405 | ng | | 99 |
| 23) Atrazine | 16.866 | 200 | 2263 | 0.366 | ng | | 98 |
| 24) Pentachlorophenol | 17.065 | 266 | 1183 | 0.334 | ng | | 98 |
| 25) Phenanthrene | 17.450 | 178 | 16464 | 0.390 | ng | | 100 |
| 26) Anthracene | 17.549 | 178 | 12693 | 0.368 | ng | | 100 |
| 28) Fluoranthene | 19.475 | 202 | 17621 | 0.387 | ng | | 100 |
| 30) Pyrene | 19.842 | 202 | 17756 | 0.394 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.592 | 228 | 14590 | 0.376 | ng | | 99 |
| 33) Chrysene | 21.645 | 228 | 17285 | 0.413 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.511 | 149 | 6980 | 0.360 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.704 | 276 | 16121 | 0.401 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.331 | 252 | 15353 | 0.395 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 23.383 | 252 | 14846 | 0.391 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.982 | 252 | 11205 | 0.383 | ng | | 98 |
| 40) Dibenzo(a,h)anthracene | 26.722 | 278 | 12907 | 0.402 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 27.503 | 276 | 13675 | 0.408 | ng | | 99 |

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

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