Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
Data File : BN023620.D
Acq On : 11 Jan 2023 20:11
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Quant Time: Jan 12 00:00:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 11 23:54:56 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.948 | 152 | 4156 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.765 | 136 | 11806 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.591 | 164 | 6833 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.340 | 188 | 14770 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.531 | 240 | 13824 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.958 | 264 | 10156 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.493 | 112 | 13310 | 1.446 | ng | | 0.00 |
| 5) Phenol-d6 | 7.103 | 99 | 17308 | 1.532 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.110 | 82 | 14539 | 1.574 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.352 | 152 | 26800 | 1.558 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.086 | 330 | 4941 | 1.475 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.223 | 172 | 44131 | 1.630 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.376 | 212 | 59910 | 1.659 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.974 | 244 | 55453 | 1.721 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.333 | 88 | 6269 | 1.565 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.665 | 42 | 7627 | 1.580 | ng | | 99 |
| 6) bis(2-Chloroethyl)ether | 7.370 | 93 | 18141 | 1.655 | ng | | 99 |
| 9) Naphthalene | 10.808 | 128 | 50461 | 1.673 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.096 | 225 | 10170 | 1.673 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.423 | 142 | 35651 | 1.642 | ng | | 99 |
| 16) Acenaphthylene | 14.313 | 152 | 45878 | 1.615 | ng | | 100 |
| 17) Acenaphthene | 14.655 | 154 | 32250 | 1.687 | ng | | 98 |
| 18) Fluorene | 15.639 | 166 | 44756 | 1.681 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.726 | 198 | 3264 | 1.422 | ng | # | 71 |
| 21) 4-Bromophenyl-phenylether | 16.533 | 248 | 13594 | 1.569 | ng | | 98 |
| 22) Hexachlorobenzene | 16.645 | 284 | 16913 | 1.619 | ng | | 100 |
| 23) Atrazine | 16.806 | 200 | 9611 | 1.436 | ng | | 97 |
| 24) Pentachlorophenol | 16.992 | 266 | 6288 | 1.626 | ng | | 98 |
| 25) Phenanthrene | 17.389 | 178 | 70742 | 1.682 | ng | | 99 |
| 26) Anthracene | 17.476 | 178 | 57617 | 1.650 | ng | | 100 |
| 28) Fluoranthene | 19.405 | 202 | 82332 | 1.742 | ng | | 100 |
| 30) Pyrene | 19.768 | 202 | 81625 | 1.582 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.522 | 228 | 73112 | 1.587 | ng | | 99 |
| 33) Chrysene | 21.567 | 228 | 77697 | 1.643 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.441 | 149 | 30942 | 1.092 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.484 | 276 | 78211 | 2.062 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.215 | 252 | 71156 | 1.824 | ng | # | 92 |
| 38) Benzo(k)fluoranthene | 23.265 | 252 | 70973 | 1.851 | ng | # | 93 |
| 39) Benzo(a)pyrene | 23.850 | 252 | 53711 | 1.804 | ng | # | 84 |
| 40) Dibenzo(a,h)anthracene | 26.504 | 278 | 63306 | 2.190 | ng | | 96 |
| 41) Benzo(g,h,i)perylene | 27.262 | 276 | 63852 | 1.912 | ng | | 98 |

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

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