Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040721\
Data File : BN014223.D
Acq On : 06 Apr 2021 13:42
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC5.0

Quant Time: Apr 06 14:11:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 12:12:15 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.644 | 152 | 9087 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.416 | 136 | 32860 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.283 | 164 | 20115 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.030 | 188 | 43446 | 0.40 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.226 | 240 | 46719 | 0.40 | ng | # | 0.00 |
| 36) Perylene-d12 | 23.428 | 264 | 38801 | 0.40 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.236 | 112 | 100919 | 4.44 | ng | | 0.00 |
| 5) Phenol-d6 | 6.814 | 99 | 138697 | 4.64 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.794 | 82 | 122289 | 5.12 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.017 | 152 | 261405 | 3.51 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.780 | 330 | 47605 | 6.25 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.900 | 172 | 349360 | 4.68 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.066 | 212 | 632449 | 3.68 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.672 | 244 | 487125 | 4.52 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.166 | 88 | 47939 | 4.36 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 3.480 | 42 | 47517 | 5.26 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 7.072 | 93 | 111247 | 4.28 | ng | | 100 |
| 9) Naphthalene | 10.467 | 128 | 391862 | 4.45 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.758 | 225 | 70809 | 4.39 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.088 | 142 | 275613 | 4.46 | ng | | 99 |
| 16) Acenaphthylene | 14.004 | 152 | 441132 | 5.35 | ng | | 100 |
| 17) Acenaphthene | 14.346 | 154 | 287026 | 4.87 | ng | | 96 |
| 18) Fluorene | 15.336 | 166 | 357189 | 4.75 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.412 | 198 | 45866 | 7.03 | ng | | 92 |
| 21) 4-Bromophenyl-phenylether | 16.227 | 248 | 118472 | 4.81 | ng | | 96 |
| 22) Hexachlorobenzene | 16.349 | 284 | 123150 | 4.60 | ng | | 99 |
| 23) Atrazine | 16.507 | 200 | 104541 | 6.19 | ng | # | 91 |
| 25) Phenanthrene | 17.067 | 178 | 588568 | 4.62 | ng | | 100 |
| 26) Anthracene | 17.164 | 178 | 543772 | 5.01 | ng | | 100 |
| 28) Fluoranthene | 19.096 | 202 | 668751 | 4.53 | ng | | 99 |
| 30) Pyrene | 19.459 | 202 | 694533 | 4.61 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.205 | 228 | 701376 | 4.87 | ng | | 99 |
| 33) Chrysene | 21.258 | 228 | 684489 | 4.28 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.152 | 149 | 297827 | 6.00 | ng | | 99 |
| 35) Indeno(1,2,3-cd)pyrene | 25.636 | 276 | 683280 | 3.54 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.768 | 252 | 686058 | 4.74 | ng | # | 95 |
| 38) Benzo(k)fluoranthene | 22.812 | 252 | 664132 | 4.68 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.332 | 252 | 610050 | 4.71 | ng | # | 88 |
| 40) Dibenzo(a,h)anthracene | 25.646 | 278 | 569035 | 4.19 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 26.307 | 276 | 574699 | 4.13 | ng | | 100 |

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

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