Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061422\
Data File : BN020151.D
Acq On : 14 Jun 2022 10:54
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.2

Quant Time: Jun 14 16:00:34 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 15:58:25 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.804 | 152 | 4692 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.594 | 136 | 15104 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.431 | 164 | 10057 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.164 | 188 | 22465 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.368 | 240 | 20654 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.685 | 264 | 17859 | 0.400 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.399 | 112 | 2839 | 0.220 | ng | | 0.00 |
| 5) Phenol-d6 | 6.980 | 99 | 2885 | 0.196 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.961 | 82 | 2015 | 0.186 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.181 | 152 | 5146 | 0.191 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.923 | 330 | 680 | 0.178 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.052 | 172 | 7773 | 0.192 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.202 | 212 | 13733 | 0.197 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.805 | 244 | 9982 | 0.199 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.311 | 88 | 991 | 0.179 | ng | | 90 |
| 3) n-Nitrosodimethylamine | 3.644 | 42 | 924 | 0.178 | ng | # | 67 |
| 6) bis(2-Chloroethyl)ether | 7.233 | 93 | 2570 | 0.201 | ng | | 97 |
| 9) Naphthalene | 10.637 | 128 | 8922 | 0.195 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.936 | 225 | 1632 | 0.202 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.253 | 142 | 6031 | 0.192 | ng | | 99 |
| 16) Acenaphthylene | 14.142 | 152 | 8652 | 0.182 | ng | | 98 |
| 17) Acenaphthene | 14.484 | 154 | 6440 | 0.193 | ng | | 96 |
| 18) Fluorene | 15.479 | 166 | 8737 | 0.195 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.575 | 198 | 323 | 0.160 | ng | # | 36 |
| 21) 4-Bromophenyl-phenylether | 16.364 | 248 | 2511 | 0.191 | ng | | 96 |
| 22) Hexachlorobenzene | 16.487 | 284 | 2815 | 0.194 | ng | | 99 |
| 23) Atrazine | 16.641 | 200 | 1782 | 0.185 | ng | | 98 |
| 24) Pentachlorophenol | 16.836 | 266 | 842 | 0.165 | ng | | 94 |
| 25) Phenanthrene | 17.205 | 178 | 15227 | 0.198 | ng | | 99 |
| 26) Anthracene | 17.307 | 178 | 12337 | 0.188 | ng | | 100 |
| 28) Fluoranthene | 19.236 | 202 | 16940 | 0.196 | ng | | 99 |
| 30) Pyrene | 19.598 | 202 | 17674 | 0.198 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.351 | 228 | 14925 | 0.194 | ng | | 98 |
| 33) Chrysene | 21.404 | 228 | 16229 | 0.196 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.288 | 149 | 9703 | 0.212 | ng | # | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.062 | 276 | 14373 | 0.191 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.980 | 252 | 13702 | 0.188 | ng | # | 81 |
| 38) Benzo(k)fluoranthene | 23.030 | 252 | 13845 | 0.189 | ng | # | 80 |
| 39) Benzo(a)pyrene | 23.583 | 252 | 11864 | 0.194 | ng | # | 68 |
| 40) Dibenzo(a,h)anthracene | 26.080 | 278 | 11624 | 0.193 | ng | # | 90 |
| 41) Benzo(g,h,i)perylene | 26.790 | 276 | 12895 | 0.195 | ng | | 96 |

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

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