Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080221\
Data File : BN015761.D
Acq On : 02 Aug 2021 11:33
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC0.8

Quant Time: Aug 02 12:04:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:44:42 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.790 | 152 | 36988 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.572 | 136 | 158994 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.421 | 164 | 81682 | 0.400 | ng | 0.01 |
| 19) Phenanthrene-d10 | 17.164 | 188 | 147438 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.376 | 240 | 141798 | 0.400 | ng | # 0.01 |
| 35) Perylene-d12 | 23.714 | 264 | 127198 | 0.400 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.383 | 112 | 70987 | 0.715 | ng | 0.00 |
| 5) Phenol-d6 | 6.951 | 99 | 86021 | 0.715 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.937 | 82 | 75348 | 0.754 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.163 | 152 | 192961 | 0.806 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.906 | 330 | 22509 | 0.638 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.038 | 172 | 250854 | 0.802 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.207 | 212 | 313449 | 0.807 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.813 | 244 | 265435 | 0.769 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.346 | 88 | 10608 | 0.834 | ng | 94 |
| 3) n-Nitrosodimethylamine | 3.705 | 42 | 19715 | 0.802 | ng | # 99 |
| 6) bis(2-Chloroethyl)ether | 7.218 | 93 | 80821 | 0.822 | ng | 100 |
| 9) Naphthalene | 10.622 | 128 | 333332 | 0.805 | ng | 100 |
| 10) Hexachlorobutadiene | 10.914 | 225 | 58346 | 0.801 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.234 | 142 | 215753 | 0.802 | ng | 99 |
| 16) Acenaphthylene | 14.129 | 152 | 272496 | 0.759 | ng | 100 |
| 17) Acenaphthene | 14.472 | 154 | 187313 | 0.801 | ng | 99 |
| 18) Fluorene | 15.462 | 166 | 225491 | 0.792 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.538 | 198 | 6994 | 0.616 | ng | # 93 |
| 21) 4-Bromophenyl-phenylether | 16.361 | 248 | 69316 | 0.805 | ng | 99 |
| 22) Hexachlorobenzene | 16.470 | 284 | 79936 | 0.840 | ng | 99 |
| 23) Atrazine | 16.628 | 200 | 43691 | 0.665 | ng | 100 |
| 24) Pentachlorophenol | 16.823 | 266 | 21952 | 0.615 | ng | 99 |
| 25) Phenanthrene | 17.200 | 178 | 351225 | 0.832 | ng | 100 |
| 26) Anthracene | 17.298 | 178 | 298087 | 0.781 | ng | 100 |
| 28) Fluoranthene | 19.237 | 202 | 379189 | 0.840 | ng | 100 |
| 30) Pyrene | 19.599 | 202 | 368086 | 0.777 | ng | 100 |
| 32) Benzo(a)anthracene | 21.355 | 228 | 341599 | 0.757 | ng | 100 |
| 33) Chrysene | 21.408 | 228 | 373288 | 0.813 | ng | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.302 | 149 | 108281 | 0.451 | ng | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.113 | 276 | 366099 | 0.801 | ng | 100 |
| 37) Benzo(b)fluoranthene | 23.005 | 252 | 359657 | 0.880 | ng | 100 |
| 38) Benzo(k)fluoranthene | 23.050 | 252 | 369409 | 0.838 | ng | 99 |
| 39) Benzo(a)pyrene | 23.608 | 252 | 298186 | 0.798 | ng | 99 |
| 40) Dibenzo(a,h)anthracene | 26.134 | 278 | 306886 | 0.794 | ng | 100 |
| 41) Benzo(g,h,i)perylene | 26.842 | 276 | 317425 | 0.796 | ng | 100 |

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

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