Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\

Quantitation Report (QT Reviewed)

Data File : BN007269.D
Acq On : 20 Aug 2019 17:50
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Jagrut
8/21/2019 4:06:42 PM

Quant Time: Aug 20 18:27:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 17:50:18 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.41 | 152 | 4757 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.16 | 136 | 17565 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.06 | 164 | 9917 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.80 | 188 | 23479 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.03 | 240 | 23778 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.14 | 264 | 25863 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.04 | 112 | 3550 | 0.34 | ng | | 0.00 |
| 5) Phenol-d6 | 6.60 | 99 | 5119 | 0.35 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.54 | 82 | 2528 | 0.21 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.77 | 152 | 5799 | 0.22 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.55 | 330 | 1183 | 0.26 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.68 | 172 | 8195 | 0.22 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.85 | 212 | 13918 | 0.20 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.47 | 244 | 11662 | 0.22 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.01 | 88 | 1587 | 0.203 | ng | | 90 |
| 3) n-Nitrosodimethylamine | 3.33 | 42 | 724 | 0.119 | ng | # | 82 |
| 6) bis(2-Chloroethyl)ether | 6.85 | 93 | 2751 | 0.170 | ng | | 98 |
| 9) Naphthalene | 10.22 | 128 | 9563 | 0.203 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.52 | 225 | 2116 | 0.207 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.84 | 142 | 6546 | 0.218 | ng | | 97 |
| 16) Acenaphthylene | 13.77 | 152 | 9453 | 0.202 | ng | | 98 |
| 17) Acenaphthene | 14.12 | 154 | 6249 | 0.199 | ng | | 99 |
| 18) Fluorene | 15.12 | 166 | 8283 | 0.213 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.02 | 248 | 2861 | 0.215 | ng | | 94 |
| 21) Hexachlorobenzene | 16.12 | 284 | 2965 | 0.171 | ng | | 98 |
| 22) Pentachlorophenol | 16.46 | 266 | 1017 | 0.446 | ng | | 98 |
| 23) Phenanthrene | 16.85 | 178 | 13796 | 0.212 | ng | | 100 |
| 24) Anthracene | 16.94 | 178 | 12093 | 0.214 | ng | | 99 |
| 26) Fluoranthene | 18.88 | 202 | 16676 | 0.204 | ng | | 100 |
| 28) Pyrene | 19.25 | 202 | 17212 | 0.208 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.00 | 228 | 16228 | 0.221 | ng | | 96 |
| 31) Chrysene | 21.06 | 228 | 17438 | 0.212 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 20.98 | 149 | 6075 | 0.178 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.20 | 276 | 21590 | 0.215 | ng | | 100 |
| 35) Benzo(b)fluoranthene | 22.52 | 252 | 18152 | 0.223 | ng | # | 97 |
| 36) Benzo(k)fluoranthene | 22.56 | 252 | 17831m | 0.195 | ng | | |
| 37) Benzo(a)pyrene | 23.04 | 252 | 16197 | 0.206 | ng | # | 95 |
| 38) Dibenzo(a,h)anthracene | 25.22 | 278 | 17438 | 0.219 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 25.83 | 276 | 17650 | 0.212 | ng | | 99 |

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

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