Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021025\
Data File : BN036410.D
Acq On : 10 Feb 2025 13:01
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Feb 11 00:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 00:33:05 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.753 | 152 | 2157 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.551 | 136 | 4791 | 0.400 | ng | | # 0.01 |
| 13) Acenaphthene-d10 | 14.387 | 164 | 3185 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.136 | 188 | 7435 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.331 | 240 | 6531 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.595 | 264 | 6918 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.348 | 112 | 1029 | 0.187 | ng | | 0.00 |
| 5) Phenol-d6 | 6.937 | 99 | 1086 | 0.170 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.907 | 82 | 869 | 0.195 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.146 | 152 | 1397 | 0.213 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.895 | 330 | 289 | 0.147 | ng | | 0.01 |
| 15) 2-Fluorobiphenyl | 13.019 | 172 | 2214 | 0.163 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.173 | 212 | 3879 | 0.203 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.773 | 244 | 2765 | 0.204 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.268 | 88 | 471 | 0.198 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.579 | 42 | 840 | 0.196 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.183 | 93 | 1154 | 0.217 | ng | | 98 |
| 9) Naphthalene | 10.594 | 128 | 2733 | 0.200 | ng | # | 95 |
| 10) Hexachlorobutadiene | 10.882 | 225 | 702 | 0.164 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.217 | 142 | 1706 | 0.198 | ng | | 97 |
| 16) Acenaphthylene | 14.110 | 152 | 2654 | 0.180 | ng | | 98 |
| 17) Acenaphthene | 14.452 | 154 | 1791 | 0.177 | ng | | 98 |
| 18) Fluorene | 15.446 | 166 | 2596 | 0.200 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.535 | 198 | 248 | 0.149 | ng | # | 85 |
| 21) 4-Bromophenyl-phenylether | 16.342 | 248 | 844 | 0.166 | ng | # | 80 |
| 22) Hexachlorobenzene | 16.453 | 284 | 1101 | 0.166 | ng | | 97 |
| 23) Atrazine | 16.615 | 200 | 705 | 0.188 | ng | | 95 |
| 24) Pentachlorophenol | 16.801 | 266 | 463 | 0.159 | ng | | 95 |
| 25) Phenanthrene | 17.173 | 178 | 4051 | 0.186 | ng | | 100 |
| 26) Anthracene | 17.273 | 178 | 3467 | 0.175 | ng | | 98 |
| 28) Fluoranthene | 19.201 | 202 | 4918 | 0.190 | ng | | 100 |
| 30) Pyrene | 19.564 | 202 | 5119 | 0.196 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.313 | 228 | 4166 | 0.180 | ng | | 98 |
| 33) Chrysene | 21.357 | 228 | 4754 | 0.200 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.241 | 149 | 2858 | 0.221 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.905 | 276 | 4459 | 0.164 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.914 | 252 | 4220 | 0.172 | ng | # | 85 |
| 38) Benzo(k)fluoranthene | 22.958 | 252 | 4335 | 0.173 | ng | # | 85 |
| 39) Benzo(a)pyrene | 23.499 | 252 | 3740 | 0.177 | ng | # | 80 |
| 40) Dibenzo(a,h)anthracene | 25.919 | 278 | 3533 | 0.164 | ng | # | 86 |
| 41) Benzo(g,h,i)perylene | 26.601 | 276 | 4192 | 0.177 | ng | | 93 |

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

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