Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110723\
Data File : BN028487.D
Acq On : 07 Nov 2023 12:01
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Nov 07 16:50:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 15:43:27 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.717 | 152 | 7729 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.509 | 136 | 23566 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.364 | 164 | 14798 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.109 | 188 | 36029 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.329 | 240 | 30362 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.643 | 264 | 29996 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.290 | 112 | 4677 | 0.202 | ng | | 0.00 |
| 5) Phenol-d6 | 6.886 | 99 | 5976 | 0.201 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.864 | 82 | 4255 | 0.202 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.102 | 152 | 7685 | 0.188 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.855 | 330 | 1653 | 0.199 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.985 | 172 | 12975 | 0.199 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.153 | 212 | 20959 | 0.190 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.766 | 244 | 16268 | 0.202 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.196 | 88 | 1865 | 0.199 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.514 | 42 | 2146 | 0.201 | ng | # | 94 |
| 6) bis(2-Chloroethyl)ether | 7.146 | 93 | 4807 | 0.195 | ng | | 99 |
| 9) Naphthalene | 10.551 | 128 | 14682 | 0.200 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.850 | 225 | 2607 | 0.199 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.174 | 142 | 9907 | 0.197 | ng | | 99 |
| 16) Acenaphthylene | 14.075 | 152 | 14753 | 0.190 | ng | | 99 |
| 17) Acenaphthene | 14.417 | 154 | 10243 | 0.197 | ng | | 100 |
| 18) Fluorene | 15.412 | 166 | 14681 | 0.200 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.497 | 198 | 874 | 0.252 | ng | # | 57 |
| 21) 4-Bromophenyl-phenylether | 16.315 | 248 | 4767 | 0.198 | ng | | 97 |
| 22) Hexachlorobenzene | 16.414 | 284 | 4896 | 0.194 | ng | | 99 |
| 23) Atrazine | 16.588 | 200 | 3915 | 0.184 | ng | | 99 |
| 24) Pentachlorophenol | 16.762 | 266 | 1767 | 0.164 | ng | | 99 |
| 25) Phenanthrene | 17.146 | 178 | 23536 | 0.197 | ng | | 100 |
| 26) Anthracene | 17.246 | 178 | 20986 | 0.192 | ng | | 99 |
| 28) Fluoranthene | 19.185 | 202 | 27867 | 0.195 | ng | | 100 |
| 30) Pyrene | 19.548 | 202 | 28942 | 0.200 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.311 | 228 | 24372 | 0.192 | ng | | 99 |
| 33) Chrysene | 21.365 | 228 | 24408 | 0.193 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.266 | 149 | 15294 | 0.195 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.017 | 276 | 22701 | 0.188 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.941 | 252 | 23828 | 0.193 | ng | # | 93 |
| 38) Benzo(k)fluoranthene | 22.988 | 252 | 23528 | 0.195 | ng | # | 95 |
| 39) Benzo(a)pyrene | 23.541 | 252 | 20181 | 0.191 | ng | # | 91 |
| 40) Dibenzo(a,h)anthracene | 26.041 | 278 | 17652 | 0.187 | ng | # | 85 |
| 41) Benzo(g,h,i)perylene | 26.745 | 276 | 20017 | 0.192 | ng | | 96 |

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

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