Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120722\
Data File : BN023083.D
Acq On : 07 Dec 2022 11:58
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 02:18:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 02:17:45 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.028 | 152 | 7062 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.840 | 136 | 21521 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.666 | 164 | 12134 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.414 | 188 | 27718 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.593 | 240 | 22985 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 24.060 | 264 | 20904 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.558 | 112 | 3483 | 0.210 | ng | | 0.00 |
| 5) Phenol-d6 | 7.175 | 99 | 4164 | 0.198 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.185 | 82 | 3137 | 0.195 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.427 | 152 | 6567 | 0.152 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.148 | 330 | 885 | 0.171 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.298 | 172 | 11076 | 0.207 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.439 | 212 | 14460 | 0.190 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.035 | 244 | 7987 | 0.168 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.405 | 88 | 1905 | 0.215 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 3.738 | 42 | 1634 | 0.184 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.443 | 93 | 4834 | 0.214 | ng | | 97 |
| 9) Naphthalene | 10.893 | 128 | 12840 | 0.201 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.181 | 225 | 2458 | 0.206 | ng | # | 97 |
| 12) 2-Methylnaphthalene | 12.121 | 142 | 1832 | 0.162 | ng | # | 94 |
| 16) Acenaphthylene | 14.388 | 152 | 10178 | 0.178 | ng | | 99 |
| 17) Acenaphthene | 14.730 | 154 | 8057 | 0.195 | ng | | 100 |
| 18) Fluorene | 15.714 | 166 | 8979 | 0.181 | ng | | 97 |
| 20) 4,6-Dinitro-2-methylph... | 15.776 | 198 | 692 | 0.189 | ng | | 92 |
| 21) 4-Bromophenyl-phenylether | 16.607 | 248 | 3215 | 0.188 | ng | | 100 |
| 22) Hexachlorobenzene | 16.719 | 284 | 4310 | 0.199 | ng | | 100 |
| 23) Atrazine | 16.868 | 200 | 2190 | 0.179 | ng | | 98 |
| 24) Pentachlorophenol | 17.054 | 266 | 1124 | 0.188 | ng | | 99 |
| 25) Phenanthrene | 17.452 | 178 | 18279 | 0.194 | ng | | 100 |
| 26) Anthracene | 17.538 | 178 | 13703 | 0.180 | ng | | 100 |
| 28) Fluoranthene | 19.469 | 202 | 19161 | 0.186 | ng | | 100 |
| 30) Pyrene | 19.831 | 202 | 18959 | 0.192 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.584 | 228 | 15930 | 0.185 | ng | | 100 |
| 33) Chrysene | 21.638 | 228 | 18869 | 0.200 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.504 | 149 | 6857 | 0.188 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.639 | 276 | 19715 | 0.175 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.306 | 252 | 17305m | 0.180 | ng | | |
| 38) Benzo(k)fluoranthene | 23.356 | 252 | 16859 | 0.172 | ng | | 96 |
| 39) Benzo(a)pyrene | 23.952 | 252 | 13520 | 0.173 | ng | # | 87 |
| 40) Dibenzo(a,h)anthracene | 26.656 | 278 | 15659 | 0.176 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 27.428 | 276 | 15767 | 0.171 | ng | | 100 |

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

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