Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030821\
Data File : BN013870.D
Acq On : 08 Mar 2021 15:24
Operator : CG/JU
Sample : PB135037BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB135037BS

**Manual Integrations APPROVED**
mohammad
3/9/2021 12:19:52 PM

Quant Time: Mar 08 15:58:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 08 10:32:09 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.716 | 152 | 6591 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.492 | 136 | 24888 | 0.40 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.346 | 164 | 13804 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.092 | 188 | 29989 | 0.40 | ng | | # 0.00 |
| 29) Chrysene-d12 | 21.271 | 240 | 29148 | 0.40 | ng | | # 0.00 |
| 36) Perylene-d12 | 23.493 | 264 | 28336 | 0.40 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.308 | 112 | 6077 | 0.34 | ng | | 0.00 |
| 5) Phenol-d6 | 6.879 | 99 | 7981 | 0.34 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.857 | 82 | 6419 | 0.40 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.089 | 152 | 15979 | 0.40 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.843 | 330 | 1642 | 0.29 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.976 | 172 | 21573 | 0.44 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.124 | 212 | 32755 | 0.37 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.724 | 244 | 25926 | 0.40 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.255 | 88 | 3466 | 0.43 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.577 | 42 | 2423 | 0.39 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 7.145 | 93 | 7427 | 0.45 | ng | | 95 |
| 9) Naphthalene | 10.543 | 128 | 25623 | 0.42 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.834 | 225 | 4787 | 0.41 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.164 | 142 | 17241 | 0.40 | ng | | 99 |
| 16) Acenaphthylene | 14.067 | 152 | 21096 | 0.34 | ng | | 100 |
| 17) Acenaphthene | 14.410 | 154 | 15490 | 0.40 | ng | | 98 |
| 18) Fluorene | 15.399 | 166 | 19284 | 0.39 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.475 | 198 | 1162 | 0.56 | ng | | 89 |
| 21) 4-Bromophenyl-phenylether | 16.289 | 248 | 6271 | 0.38 | ng | | 99 |
| 22) Hexachlorobenzene | 16.398 | 284 | 7472 | 0.44 | ng | | 99 |
| 23) Atrazine | 16.556 | 200 | 3690 | 0.24 | ng | | 93 |
| 24) Pentachlorophenol | 16.739 | 266 | 1758 | 0.32 | ng | | 100 |
| 25) Phenanthrene | 17.128 | 178 | 33113 | 0.42 | ng | | 100 |
| 26) Anthracene | 17.226 | 178 | 26387 | 0.35 | ng | | 99 |
| 28) Fluoranthene | 19.154 | 202 | 36329 | 0.39 | ng | | 99 |
| 30) Pyrene | 19.516 | 202 | 36758 | 0.41 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.250 | 228 | 31978 | 0.36 | ng | | 98 |
| 33) Chrysene | 21.303 | 228 | 36426 | 0.42 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.186 | 149 | 8986 | 0.21 | ng | | 98 |
| 35) Indeno(1,2,3-cd)pyrene | 25.724 | 276 | 44547 | 0.42 | ng | | 98 |
| 37) Benzo(b)fluoranthene | 22.825 | 252 | 39263 | 0.43 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 22.870 | 252 | 40543m | 0.46 | ng | | |
| 39) Benzo(a)pyrene | 23.393 | 252 | 35318 | 0.43 | ng | # | 89 |
| 40) Dibenzo(a,h)anthracene | 25.741 | 278 | 36627 | 0.42 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.406 | 276 | 37243 | 0.43 | ng | | 98 |

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

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