Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
Data File : BN017666.D
Acq On : 02 Dec 2021 02:15
Operator : CG/JU
Sample : PB141111BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 02 02:55:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 02 01:51:49 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
PB141111BS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.736 | 152 | 18098 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.510 | 136 | 75552 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.359 | 164 | 44280 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.104 | 188 | 94223 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.282 | 240 | 108159 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.582 | 264 | 114855 | 0.400 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.366 | 112 | 12812 | 0.312 | ng | | 0.02 |
| 5) Phenol-d6 | 6.916 | 99 | 13231 | 0.305 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.875 | 82 | 11770 | 0.367 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.107 | 152 | 41091 | 0.312 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.844 | 330 | 6371 | 0.354 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.989 | 172 | 56436 | 0.327 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.134 | 212 | 79701 | 0.271 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.740 | 244 | 71710 | 0.302 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.310 | 88 | 3020m | 0.248 | ng | | |
| 3) n-Nitrosodimethylamine | 3.624 | 42 | 6059 | 0.357 | ng | | 97 |
| 6) bis(2-Chloroethyl)ether | 7.164 | 93 | 17656 | 0.350 | ng | | 95 |
| 9) Naphthalene | 10.560 | 128 | 65410 | 0.343 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.864 | 225 | 18069 | 0.344 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.182 | 142 | 45258 | 0.360 | ng | | 98 |
| 16) Acenaphthylene | 14.067 | 152 | 59095 | 0.342 | ng | | 100 |
| 17) Acenaphthene | 14.423 | 154 | 40160 | 0.336 | ng | | 99 |
| 18) Fluorene | 15.412 | 166 | 51030 | 0.352 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.501 | 198 | 358 | 0.143 | ng | # | 53 |
| 21) 4-Bromophenyl-phenylether | 16.301 | 248 | 18708 | 0.323 | ng | # | 69 |
| 22) Hexachlorobenzene | 16.411 | 284 | 24009 | 0.342 | ng | # | 91 |
| 23) Atrazine | 16.569 | 200 | 11237 | 0.381 | ng | | 98 |
| 24) Pentachlorophenol | 16.764 | 266 | 13464 | 0.566 | ng | | 99 |
| 25) Phenanthrene | 17.141 | 178 | 86755 | 0.336 | ng | | 100 |
| 26) Anthracene | 17.226 | 178 | 75889 | 0.342 | ng | | 100 |
| 28) Fluoranthene | 19.164 | 202 | 105361 | 0.360 | ng | | 98 |
| 30) Pyrene | 19.526 | 202 | 105886 | 0.303 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.271 | 228 | 110747 | 0.337 | ng | | 100 |
| 33) Chrysene | 21.325 | 228 | 121795 | 0.341 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.218 | 149 | 29193 | 0.375 | ng | | 96 |
| 36) Indeno(1,2,3-cd)pyrene | 25.937 | 276 | 128489 | 0.345 | ng | | 95 |
| 37) Benzo(b)fluoranthene | 22.887 | 252 | 130970m | 0.344 | ng | | |
| 38) Benzo(k)fluoranthene | 22.935 | 252 | 133474 | 0.342 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.483 | 252 | 122913 | 0.360 | ng | # | 97 |
| 40) Dibenzo(a,h)anthracene | 25.957 | 278 | 105101 | 0.345 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.652 | 276 | 103188 | 0.329 | ng | # | 94 |

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

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