Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019774.D
Acq On : 13 May 2022 18:41
Operator : CG/JU
Sample : PB144776BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 13 23:59:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:41:37 2022
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
PB144776BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.854 | 152 | 3676 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.648 | 136 | 11230 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.474 | 164 | 6589 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.215 | 188 | 15113 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.395 | 240 | 14373 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.735 | 264 | 13807 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.435 | 112 | 3138 | 0.341 | ng | | 0.00 |
| 5) Phenol-d6 | 7.017 | 99 | 3840 | 0.333 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.003 | 82 | 2842 | 0.335 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.231 | 152 | 6978 | 0.357 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.964 | 330 | 797 | 0.306 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.105 | 172 | 10623 | 0.369 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.244 | 212 | 15954 | 0.372 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.843 | 244 | 11806 | 0.348 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.355 | 88 | 1600 | 0.367 | ng | | 100 |
| 3) n-Nitrosodimethylamine | 3.673 | 42 | 1640 | 0.343 | ng | # | 94 |
| 6) bis(2-Chloroethyl)ether | 7.277 | 93 | 3984 | 0.355 | ng | | 98 |
| 9) Naphthalene | 10.690 | 128 | 12338 | 0.362 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.989 | 225 | 2254 | 0.364 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.306 | 142 | 8290 | 0.357 | ng | | 98 |
| 16) Acenaphthylene | 14.196 | 152 | 10487m | 0.339 | ng | | |
| 17) Acenaphthene | 14.538 | 154 | 8255 | 0.361 | ng | | 99 |
| 18) Fluorene | 15.522 | 166 | 10492 | 0.363 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.596 | 198 | 747 | 0.345 | ng | # | 89 |
| 21) 4-Bromophenyl-phenylether | 16.405 | 248 | 3271 | 0.354 | ng | | 96 |
| 22) Hexachlorobenzene | 16.528 | 284 | 3836 | 0.375 | ng | | 100 |
| 23) Atrazine | 16.672 | 200 | 2001 | 0.332 | ng | | 97 |
| 24) Pentachlorophenol | 16.867 | 266 | 1424 | 0.360 | ng | | 97 |
| 25) Phenanthrene | 17.256 | 178 | 18916 | 0.361 | ng | | 100 |
| 26) Anthracene | 17.349 | 178 | 15008 | 0.339 | ng | | 100 |
| 28) Fluoranthene | 19.274 | 202 | 20692 | 0.369 | ng | | 99 |
| 30) Pyrene | 19.636 | 202 | 21393 | 0.351 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.378 | 228 | 17979 | 0.343 | ng | | 98 |
| 33) Chrysene | 21.431 | 228 | 22062 | 0.376 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149 | 8446 | 0.387 | ng | | 97 |
| 36) Indeno(1,2,3-cd)pyrene | 26.138 | 276 | 25776 | 0.399 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.027 | 252 | 20590 | 0.342 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 23.074 | 252 | 22608 | 0.353 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.633 | 252 | 16225 | 0.342 | ng | | 97 |
| 40) Dibenzo(a,h)anthracene | 26.153 | 278 | 20905 | 0.401 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.875 | 276 | 20466 | 0.382 | ng | | 99 |

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

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