Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062822\
Data File : BN020556.D
Acq On : 29 Jun 2022 06:24
Operator : CG/JU
Sample : PB145790BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 29 07:00:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 02:03:21 2022
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
PB145790BSD

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/30/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.739 | 152 | 3522 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.519 | 136 | 10880 | 0.400 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.367 | 164 | 6435 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.102 | 188 | 13489 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.297 | 240 | 10528 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.583 | 264 | 7993 | 0.400 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.341 | 112 | 3158 | 0.323 | ng | | 0.00 |
| 5) Phenol-d6 | 6.937 | 99 | 3830 | 0.328 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.897 | 82 | 2824 | 0.320 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.113 | 152 | 6638 | 0.356 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.861 | 330 | 749 | 0.309 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.988 | 172 | 9672 | 0.364 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 19.143 | 212 | 13671 | 0.341 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.746 | 244 | 9666 | 0.384 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.225 | 88 | 1507 | 0.326 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.564 | 42 | 1272 | 0.302 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 7.168 | 93 | 3368 | 0.335 | ng | | 99 |
| 9) Naphthalene | 10.573 | 128 | 11834 | 0.364 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.861 | 225 | 2096 | 0.354 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.189 | 142 | 7712 | 0.357 | ng | | 99 |
| 16) Acenaphthylene | 14.078 | 152 | 10525 | 0.340 | ng | | 98 |
| 17) Acenaphthene | 14.420 | 154 | 7611 | 0.362 | ng | | 96 |
| 18) Fluorene | 15.415 | 166 | 9855 | 0.359 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.521 | 198 | 337 | 0.353 | ng | # | 58 |
| 21) 4-Bromophenyl-phenylether | 16.302 | 248 | 2740 | 0.349 | ng | | 98 |
| 22) Hexachlorobenzene | 16.425 | 284 | 3156 | 0.363 | ng | | 99 |
| 23) Atrazine | 16.579 | 200 | 1730 | 0.280 | ng | | 99 |
| 24) Pentachlorophenol | 16.774 | 266 | 610 | 0.403 | ng | | 98 |
| 25) Phenanthrene | 17.143 | 178 | 15972 | 0.351 | ng | | 100 |
| 26) Anthracene | 17.246 | 178 | 12915 | 0.329 | ng | | 100 |
| 28) Fluoranthene | 19.173 | 202 | 17304 | 0.349 | ng | | 99 |
| 30) Pyrene | 19.535 | 202 | 17437 | 0.391 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.288 | 228 | 12769 | 0.339 | ng | | 99 |
| 33) Chrysene | 21.333 | 228 | 15274 | 0.367 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.216 | 149 | 6444 | 0.304 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.910 | 276 | 11545 | 0.324 | ng | | 98 |
| 37) Benzo(b)fluoranthene | 22.890 | 252 | 11770 | 0.382 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 22.937 | 252 | 12894m | 0.393 | ng | | |
| 39) Benzo(a)pyrene | 23.480 | 252 | 9893 | 0.370 | ng | # | 92 |
| 40) Dibenzo(a,h)anthracene | 25.925 | 278 | 8939 | 0.313 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.623 | 276 | 10198 | 0.327 | ng | | 99 |

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

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