Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
Data File : BN029364.D
Acq On : 24 Jan 2024 02:24
Operator : MA/JU
Sample : PB158582BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 24 02:52:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 02:16:14 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
PB158582BS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.912 | 152 | 4951 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.712 | 136 | 14049 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.554 | 164 | 7271 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.305 | 188 | 16402 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.501 | 240 | 12932 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.899 | 264 | 13113 | 0.400 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.485 | 112 | 4980 | 0.379 | ng | 0.00 |
| 5) Phenol-d6 | 7.074 | 99 | 6701 | 0.381 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.078 | 82 | 4234 | 0.284 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.302 | 152 | 8366m | 0.360 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.051 | 330 | 1031 | 0.272 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.185 | 172 | 10374 | 0.296 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.341 | 212 | 12725 | 0.262 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.949 | 244 | 10133 | 0.306 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.384 | 88 | 1911 | 0.297 | ng | # 69 |
| 3) n-Nitrosodimethylamine | 3.716 | 42 | 1700 | 0.261 | ng | # 88 |
| 6) bis(2-Chloroethyl)ether | 7.349 | 93 | 4845 | 0.299 | ng | 99 |
| 9) Naphthalene | 10.765 | 128 | 12318 | 0.273 | ng | 98 |
| 10) Hexachlorobutadiene | 11.043 | 225 | 2240 | 0.236 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.378 | 142 | 7636 | 0.260 | ng | 98 |
| 16) Acenaphthylene | 14.276 | 152 | 11584 | 0.299 | ng | 100 |
| 17) Acenaphthene | 14.618 | 154 | 7094 | 0.272 | ng | 99 |
| 18) Fluorene | 15.604 | 166 | 9447 | 0.267 | ng | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.679 | 198 | 646 | 0.214 | ng | 95 |
| 21) 4-Bromophenyl-phenylether | 16.498 | 248 | 3021 | 0.252 | ng | # 71 |
| 22) Hexachlorobenzene | 16.597 | 284 | 3562 | 0.241 | ng | 96 |
| 23) Atrazine | 16.771 | 200 | 2201 | 0.251 | ng | # 90 |
| 24) Pentachlorophenol | 16.945 | 266 | 1308 | 0.265 | ng | 97 |
| 25) Phenanthrene | 17.342 | 178 | 15387 | 0.274 | ng | 99 |
| 26) Anthracene | 17.442 | 178 | 13282 | 0.267 | ng | 100 |
| 28) Fluoranthene | 19.368 | 202 | 16400 | 0.243 | ng | 98 |
| 30) Pyrene | 19.731 | 202 | 17141 | 0.291 | ng | 100 |
| 32) Benzo(a)anthracene | 21.492 | 228 | 15475 | 0.287 | ng | 99 |
| 33) Chrysene | 21.546 | 228 | 15051 | 0.271 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.438 | 149 | 8764 | 0.295 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.379 | 276 | 15540 | 0.277 | ng | 97 |
| 37) Benzo(b)fluoranthene | 23.171 | 252 | 15021 | 0.269 | ng | 97 |
| 38) Benzo(k)fluoranthene | 23.221 | 252 | 14510 | 0.265 | ng | # 96 |
| 39) Benzo(a)pyrene | 23.794 | 252 | 11795 | 0.268 | ng | 97 |
| 40) Dibenzo(a,h)anthracene | 26.408 | 278 | 12567 | 0.277 | ng | 98 |
| 41) Benzo(g,h,i)perylene | 27.133 | 276 | 13100 | 0.270 | ng | 97 |

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

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