Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083024\
Data File : BN033723.D
Acq On : 31 Aug 2024 02:00
Operator : MA/JU
Sample : PB163086BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB163086BSD

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 31 02:36:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.523 | 152 | 8425 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.282 | 136 | 22739 | 0.400 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.156 | 164 | 11274 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 16.904 | 188 | 22739 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.121 | 240 | 15998 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.276 | 264 | 14982 | 0.400 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.162 | 112 | 9708 | 0.383 | ng | | 0.00 |
| 5) Phenol-d6 | 6.714 | 99 | 11907 | 0.398 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.659 | 82 | 7124 | 0.377 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.881 | 152 | 12538 | 0.391 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.663 | 330 | 2056 | 0.380 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.777 | 172 | 17894 | 0.377 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.952 | 212 | 21441 | 0.382 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.565 | 244 | 14708 | 0.435 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.168 | 88 | 3612 | 0.369 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.464 | 42 | 4227 | 0.368 | ng | | 94 |
| 6) bis(2-Chloroethyl)ether | 6.960 | 93 | 9191 | 0.402 | ng | | 99 |
| 9) Naphthalene | 10.336 | 128 | 23154 | 0.380 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.624 | 225 | 4707 | 0.373 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.956 | 142 | 14461 | 0.386 | ng | | 98 |
| 16) Acenaphthylene | 13.879 | 152 | 18002 | 0.369 | ng | | 100 |
| 17) Acenaphthene | 14.221 | 154 | 12722 | 0.375 | ng | | 99 |
| 18) Fluorene | 15.215 | 166 | 16071 | 0.382 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.300 | 198 | 1300 | 0.377 | ng | # | 59 |
| 21) 4-Bromophenyl-phenylether | 16.110 | 248 | 5055 | 0.384 | ng | # | 75 |
| 22) Hexachlorobenzene | 16.222 | 284 | 5856 | 0.390 | ng | | 99 |
| 23) Atrazine | 16.395 | 200 | 3992 | 0.381 | ng | | 94 |
| 24) Pentachlorophenol | 16.569 | 266 | 2248 | 0.331 | ng | | 96 |
| 25) Phenanthrene | 16.954 | 178 | 24298 | 0.384 | ng | | 100 |
| 26) Anthracene | 17.041 | 178 | 20824 | 0.380 | ng | | 100 |
| 28) Fluoranthene | 18.984 | 202 | 26896 | 0.378 | ng | | 100 |
| 30) Pyrene | 19.346 | 202 | 27335 | 0.422 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.103 | 228 | 22127 | 0.392 | ng | | 99 |
| 33) Chrysene | 21.157 | 228 | 22382 | 0.387 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.059 | 149 | 13550m | 0.424 | ng | | |
| 36) Indeno(1,2,3-cd)pyrene | 25.414 | 276 | 23867 | 0.371 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.636 | 252 | 21545 | 0.391 | ng | | 96 |
| 38) Benzo(k)fluoranthene | 22.677 | 252 | 22165 | 0.410 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.180 | 252 | 17478 | 0.380 | ng | | 95 |
| 40) Dibenzo(a,h)anthracene | 25.425 | 278 | 18786 | 0.367 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.060 | 276 | 19968 | 0.360 | ng | | 99 |

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

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