Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042524\
Data File : BN031222.D
Acq On : 25 Apr 2024 16:29
Operator : MA/JU
Sample : PB160336BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB160336BS

Quant Time: Apr 25 18:01:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 25 18:00:27 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.632 | 152 | 7213 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.410 | 136 | 21322 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.274 | 164 | 11749 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.029 | 188 | 25761 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.229 | 240 | 17325 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.449 | 264 | 6449 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.234 | 112 | 6976 | 0.434 | ng | | 0.00 |
| 5) Phenol-d6 | 6.808 | 99 | 8611 | 0.442 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.777 | 82 | 5649 | 0.383 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.002 | 152 | 18044 | 0.550 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.775 | 330 | 2021 | 0.443 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.895 | 172 | 15330 | 0.388 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.068 | 212 | 21039 | 0.303 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.672 | 244 | 15784 | 0.392 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.183 | 88 | 2269 | 0.256 | ng | # | 70 |
| 3) n-Nitrosodimethylamine | 3.493 | 42 | 3035 | 0.365 | ng | | 99 |
| 6) bis(2-Chloroethyl)ether | 7.061 | 93 | 6635 | 0.345 | ng | | 98 |
| 9) Naphthalene | 10.453 | 128 | 19308 | 0.328 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.731 | 225 | 3785 | 0.321 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.081 | 142 | 12778 | 0.327 | ng | | 98 |
| 16) Acenaphthylene | 13.996 | 152 | 19293 | 0.373 | ng | | 99 |
| 17) Acenaphthene | 14.338 | 154 | 11645 | 0.319 | ng | | 98 |
| 18) Fluorene | 15.333 | 166 | 15519 | 0.321 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.418 | 198 | 1258 | 0.424 | ng | # | 82 |
| 21) 4-Bromophenyl-phenylether | 16.222 | 248 | 5076 | 0.332 | ng | # | 83 |
| 22) Hexachlorobenzene | 16.333 | 284 | 5628 | 0.315 | ng | | 98 |
| 24) Pentachlorophenol | 16.681 | 266 | 6143 | 0.974 | ng | | 98 |
| 25) Phenanthrene | 17.066 | 178 | 24116 | 0.317 | ng | | 99 |
| 26) Anthracene | 17.153 | 178 | 21452 | 0.341 | ng | | 99 |
| 28) Fluoranthene | 19.096 | 202 | 26085 | 0.286 | ng | | 100 |
| 30) Pyrene | 19.463 | 202 | 24360 | 0.362 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.220 | 228 | 22662 | 0.376 | ng | | 98 |
| 33) Chrysene | 21.265 | 228 | 21476 | 0.327 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.148 | 149 | 21529 | 0.778 | ng | | 97 |
| 36) Indeno(1,2,3-cd)pyrene | 25.680 | 276 | 17219 | 0.574 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.782 | 252 | 20303 | 0.763 | ng | # | 88 |
| 38) Benzo(k)fluoranthene | 22.826 | 252 | 17458 | 0.670 | ng | # | 85 |
| 39) Benzo(a)pyrene | 23.352 | 252 | 9632 | 0.435 | ng | # | 61 |
| 40) Dibenzo(a,h)anthracene | 25.694 | 278 | 17199 | 0.716 | ng | # | 86 |
| 41) Benzo(g,h,i)perylene | 26.361 | 276 | 12803 | 0.484 | ng | # | 86 |

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

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