Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
Data File : BN034479.D
Acq On : 08 Oct 2024 19:48
Operator : RC/JU
Sample : PB163839BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB163839BS

Quant Time: Oct 09 00:55:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.380 | 152 | 4559 | 0.400 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.137 | 136 | 12578 | 0.400 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.026 | 164 | 6669 | 0.400 | ng | | -0.02 |
| 19) Phenanthrene-d10 | 16.790 | 188 | 11371 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.015 | 240 | 8541 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.125 | 264 | 9461 | 0.400 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.025 | 112 | 4364 | 0.337 | ng | | 0.00 |
| 5) Phenol-d6 | 6.593 | 99 | 4151 | 0.276 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.525 | 82 | 3051 | 0.317 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.738 | 152 | 7728 | 0.416 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.549 | 330 | 849 | 0.281 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.647 | 172 | 8862 | 0.327 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 18.836 | 212 | 10211 | 0.356 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.459 | 244 | 6607 | 0.387 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.032 | 88 | 1644 | 0.288 | ng | # | 21 |
| 3) n-Nitrosodimethylamine | 3.328 | 42 | 1860 | 0.287 | ng | | 82 |
| 6) bis(2-Chloroethyl)ether | 6.824 | 93 | 3997 | 0.300 | ng | | 95 |
| 9) Naphthalene | 10.180 | 128 | 12439 | 0.360 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.468 | 225 | 2747 | 0.422 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.814 | 142 | 7841 | 0.349 | ng | | 98 |
| 16) Acenaphthylene | 13.748 | 152 | 9949 | 0.349 | ng | | 100 |
| 17) Acenaphthene | 14.090 | 154 | 7235 | 0.353 | ng | | 98 |
| 18) Fluorene | 15.095 | 166 | 8103 | 0.302 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 16.294 | 198 | 60 | 0.166 | ng | # | 1 |
| 21) 4-Bromophenyl-phenylether | 15.996 | 248 | 2334 | 0.365 | ng | # | 84 |
| 22) Hexachlorobenzene | 16.095 | 284 | 3359 | 0.469 | ng | # | 88 |
| 23) Atrazine | 16.294 | 200 | 1760 | 0.332 | ng | | 96 |
| 24) Pentachlorophenol | 16.468 | 266 | 1747 | 0.737 | ng | | 99 |
| 25) Phenanthrene | 16.828 | 178 | 11397 | 0.349 | ng | | 99 |
| 26) Anthracene | 16.927 | 178 | 9460 | 0.355 | ng | | 100 |
| 28) Fluoranthene | 18.869 | 202 | 12562 | 0.332 | ng | | 98 |
| 30) Pyrene | 19.231 | 202 | 13242 | 0.367 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.006 | 228 | 4164 | 0.154 | ng | | 99 |
| 33) Chrysene | 21.051 | 228 | 12119 | 0.376 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.192 | 276 | 15956 | 0.394 | ng | | 96 |
| 37) Benzo(b)fluoranthene | 22.505 | 252 | 12446 | 0.336 | ng | | 93 |
| 38) Benzo(k)fluoranthene | 22.546 | 252 | 14921 | 0.384 | ng | | 94 |
| 39) Benzo(a)pyrene | 23.038 | 252 | 11951 | 0.396 | ng | | 91 |
| 40) Dibenzo(a,h)anthracene | 25.213 | 278 | 12077 | 0.383 | ng | | 94 |
| 41) Benzo(g,h,i)perylene | 25.815 | 276 | 13459 | 0.380 | ng | | 97 |

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

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