Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034079.D
Acq On : 20 Sep 2024 10:15
Operator : JU/RC
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

Quant Time: Sep 20 11:20:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.430 | 152 | 6662 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.191 | 136 | 19666 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.079 | 164 | 10995 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.828 | 188 | 25174 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.059 | 240 | 19146 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.181 | 264 | 19344 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.069 | 112 | 8110 | 0.429 | ng | | 0.00 |
| 5) Phenol-d6 | 6.629 | 99 | 9516 | 0.433 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.568 | 82 | 5732 | 0.381 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.787 | 152 | 11298 | 0.389 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.586 | 330 | 2128 | 0.427 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.690 | 172 | 18094 | 0.405 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 18.878 | 212 | 24525 | 0.386 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.501 | 244 | 16126 | 0.422 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.075 | 88 | 3149 | 0.378 | ng | | 91 |
| 3) n-Nitrosodimethylamine | 3.372 | 42 | 3887 | 0.410 | ng | # | 89 |
| 6) bis(2-Chloroethyl)ether | 6.874 | 93 | 7298 | 0.375 | ng | | 97 |
| 9) Naphthalene | 10.233 | 128 | 21237 | 0.393 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.532 | 225 | 4106 | 0.404 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.863 | 142 | 13678 | 0.389 | ng | | 99 |
| 16) Acenaphthylene | 13.791 | 152 | 18304 | 0.389 | ng | | 100 |
| 17) Acenaphthene | 14.143 | 154 | 13525 | 0.401 | ng | | 100 |
| 18) Fluorene | 15.138 | 166 | 17763 | 0.401 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.223 | 198 | 1262 | 0.408 | ng | # | 75 |
| 21) 4-Bromophenyl-phenylether | 16.033 | 248 | 5416 | 0.383 | ng | # | 67 |
| 22) Hexachlorobenzene | 16.145 | 284 | 6356 | 0.401 | ng | | 98 |
| 23) Atrazine | 16.319 | 200 | 5354 | 0.457 | ng | # | 91 |
| 24) Pentachlorophenol | 16.492 | 266 | 2571 | 0.490 | ng | | 99 |
| 25) Phenanthrene | 16.877 | 178 | 28229 | 0.390 | ng | | 99 |
| 26) Anthracene | 16.964 | 178 | 22651 | 0.384 | ng | | 100 |
| 28) Fluoranthene | 18.911 | 202 | 32680 | 0.390 | ng | | 100 |
| 30) Pyrene | 19.273 | 202 | 34223 | 0.423 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.041 | 228 | 24263 | 0.401 | ng | | 99 |
| 33) Chrysene | 21.095 | 228 | 29955 | 0.415 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.006 | 149 | 8476 | 0.336 | ng | | 95 |
| 36) Indeno(1,2,3-cd)pyrene | 25.268 | 276 | 30749 | 0.371 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 22.555 | 252 | 28647 | 0.378 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 22.599 | 252 | 33647 | 0.423 | ng | | 97 |
| 39) Benzo(a)pyrene | 23.090 | 252 | 23738 | 0.384 | ng | | 98 |
| 40) Dibenzo(a,h)anthracene | 25.283 | 278 | 23396 | 0.363 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 25.900 | 276 | 24691 | 0.341 | ng | | 99 |

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

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