Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071521\
Data File : BN015583.D
Acq On : 15 Jul 2021 17:47
Operator : CG/JU
Sample : PB137284BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB137284BSD

**Manual Integrations APPROVED**
mohammad
7/16/2021 8:53:27 AM

Quant Time: Jul 15 18:47:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 15 15:46:51 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.809 | 152 | 14390 | 0.400 | ng | # 0.00 |
| 7) Naphthalene-d8 | 10.584 | 136 | 62880 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.434 | 164 | 32443 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.176 | 188 | 58810 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.376 | 240 | 53284 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.724 | 264 | 51178 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.393 | 112 | 16318 | 0.395 | ng | 0.00 |
| 5) Phenol-d6 | 6.979 | 99 | 19455 | 0.397 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.949 | 82 | 16612 | 0.367 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.181 | 152 | 38829 | 0.375 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.918 | 330 | 4069 | 0.380 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.051 | 172 | 50260 | 0.384 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.217 | 212 | 62831 | 0.354 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.818 | 244 | 47877 | 0.379 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.364 | 88 | 2755m | 0.391 | ng | |
| 3) n-Nitrosodimethylamine | 3.705 | 42 | 4580 | 0.386 | ng | # 77 |
| 6) bis(2-Chloroethyl)ether | 7.237 | 93 | 17419 | 0.397 | ng | # 84 |
| 9) Naphthalene | 10.635 | 128 | 69716 | 0.382 | ng | 97 |
| 10) Hexachlorobutadiene | 10.926 | 225 | 13363 | 0.392 | ng | # 98 |
| 12) 2-Methylnaphthalene | 12.252 | 142 | 45196 | 0.390 | ng | # 90 |
| 16) Acenaphthylene | 14.142 | 152 | 54972 | 0.364 | ng | 98 |
| 17) Acenaphthene | 14.497 | 154 | 38327 | 0.380 | ng | 98 |
| 18) Fluorene | 15.487 | 166 | 45445 | 0.376 | ng | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.563 | 198 | 376 | 0.617 | ng | # 80 |
| 21) 4-Bromophenyl-phenylether | 16.373 | 248 | 13852 | 0.371 | ng | # 86 |
| 22) Hexachlorobenzene | 16.494 | 284 | 16000 | 0.381 | ng | # 92 |
| 23) Atrazine | 16.640 | 200 | 9052 | 0.365 | ng | 93 |
| 24) Pentachlorophenol | 16.835 | 266 | 2064 | 0.462 | ng | 99 |
| 25) Phenanthrene | 17.225 | 178 | 71725 | 0.377 | ng | 99 |
| 26) Anthracene | 17.310 | 178 | 59166 | 0.363 | ng | 99 |
| 28) Fluoranthene | 19.247 | 202 | 78301 | 0.380 | ng | # 97 |
| 30) Pyrene | 19.609 | 202 | 77762 | 0.380 | ng | 99 |
| 32) Benzo(a)anthracene | 21.366 | 228 | 69975 | 0.376 | ng | 96 |
| 33) Chrysene | 21.408 | 228 | 76278 | 0.387 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.302 | 149 | 27815 | 0.349 | ng | # 87 |
| 36) Indeno(1,2,3-cd)pyrene | 26.141 | 276 | 68783 | 0.376 | ng | # 85 |
| 37) Benzo(b)fluoranthene | 23.012 | 252 | 75622 | 0.377 | ng | # 95 |
| 38) Benzo(k)fluoranthene | 23.060 | 252 | 78548 | 0.388 | ng | # 94 |
| 39) Benzo(a)pyrene | 23.622 | 252 | 65275 | 0.378 | ng | # 92 |
| 40) Dibenzo(a,h)anthracene | 26.158 | 278 | 54128 | 0.377 | ng | # 90 |
| 41) Benzo(g,h,i)perylene | 26.877 | 276 | 57349 | 0.370 | ng | # 89 |

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

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