Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016200.D
Acq On : 04 Sep 2021 19:17
Operator : CG/JU
Sample : M3604-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PW-B6-L41-083021MSD

**Manual Integrations APPROVED**
mohammad
9/7/2021 11:40:18 AM

Quant Time: Sep 06 06:20:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 02:08:58 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.873 | 152 | 13044 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.660 | 136 | 69848 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.497 | 164 | 41271 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.236 | 188 | 84986 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.429 | 240 | 86715 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.820 | 264 | 88565 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.466 | 112 | 3531 | 0.096 | ng | 0.00 |
| 5) Phenol-d6 | 7.043 | 99 | 2708 | 0.058 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.025 | 82 | 13964 | 0.249 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.251 | 152 | 28178 | 0.253 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.994 | 330 | 6041 | 0.328 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.127 | 172 | 38967 | 0.250 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.276 | 212 | 89182 | 0.349 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.872 | 244 | 90587 | 0.413 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.382 | 88 | 1586m | 0.380 | ng | |
| 3) n-Nitrosodimethylamine | 3.733 | 42 | 937 | 0.092 | ng | # 93 |
| 6) bis(2-Chloroethyl)ether | 7.301 | 93 | 9144 | 0.269 | ng | 99 |
| 9) Naphthalene | 10.711 | 128 | 48220 | 0.261 | ng | 100 |
| 10) Hexachlorobutadiene | 11.002 | 225 | 8612 | 0.229 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.327 | 142 | 33229 | 0.266 | ng | 99 |
| 16) Acenaphthylene | 14.218 | 152 | 47491 | 0.256 | ng | 100 |
| 17) Acenaphthene | 14.560 | 154 | 29187 | 0.249 | ng | 99 |
| 18) Fluorene | 15.550 | 166 | 40102 | 0.272 | ng | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.626 | 198 | 2703 | 0.611 | ng | # 62 |
| 21) 4-Bromophenyl-phenylether | 16.433 | 248 | 12882 | 0.287 | ng | 96 |
| 22) Hexachlorobenzene | 16.555 | 284 | 14369 | 0.271 | ng | 100 |
| 23) Atrazine | 16.701 | 200 | 17485 | 0.385 | ng | 98 |
| 24) Pentachlorophenol | 16.896 | 266 | 10922 | 0.811 | ng | 99 |
| 25) Phenanthrene | 17.285 | 178 | 81500 | 0.343 | ng | 99 |
| 26) Anthracene | 17.370 | 178 | 74636 | 0.329 | ng | 100 |
| 28) Fluoranthene | 19.306 | 202 | 99456 | 0.352 | ng | 100 |
| 30) Pyrene | 19.668 | 202 | 102479 | 0.363 | ng | 100 |
| 32) Benzo(a)anthracene | 21.418 | 228 | 105600 | 0.363 | ng | 99 |
| 33) Chrysene | 21.471 | 228 | 103611 | 0.366 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.344 | 149 | 91067 | 0.464 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.294 | 276 | 105284 | 0.427 | ng | 100 |
| 37) Benzo(b)fluoranthene | 23.094 | 252 | 112857 | 0.373 | ng | 100 |
| 38) Benzo(k)fluoranthene | 23.138 | 252 | 102581 | 0.370 | ng | 99 |
| 39) Benzo(a)pyrene | 23.714 | 252 | 103711 | 0.386 | ng | 99 |
| 40) Dibenzo(a,h)anthracene | 26.311 | 278 | 89168 | 0.434 | ng | 98 |
| 41) Benzo(g,h,i)perylene | 27.058 | 276 | 88160 | 0.426 | ng | 98 |

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

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