Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
Data File : BN015338.D
Acq On : 06 Jul 2021 14:58
Operator : CG/JU
Sample : PB137470BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB137470BS

Quant Time: Jul 06 15:27:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.734 | 152 | 17813 | 0.40 | ng | # 0.00 |
| 7) Naphthalene-d8 | 10.495 | 136 | 77568 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.345 | 164 | 39702 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.090 | 188 | 75561 | 0.40 | ng | 0.00 |
| 29) Chrysene-d12 | 21.302 | 240 | 69133 | 0.40 | ng | # 0.00 |
| 35) Perylene-d12 | 23.553 | 264 | 66635 | 0.40 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.365 | 112 | 18977 | 0.42 | ng | 0.00 |
| 5) Phenol-d6 | 6.904 | 99 | 22985 | 0.40 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.873 | 82 | 19238 | 0.44 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.087 | 152 | 49067 | 0.38 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.842 | 330 | 4544 | 0.49 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.962 | 172 | 63439 | 0.39 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.132 | 212 | 82721 | 0.37 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.738 | 244 | 64353 | 0.40 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.345 | 88 | 3394 | 0.41 | ng | # 53 |
| 3) n-Nitrosodimethylamine | 3.705 | 42 | 5510 | 0.35 | ng | # 74 |
| 6) bis(2-Chloroethyl)ether | 7.172 | 93 | 22731 | 0.40 | ng | # 84 |
| 9) Naphthalene | 10.546 | 128 | 88278 | 0.40 | ng | 97 |
| 10) Hexachlorobutadiene | 10.837 | 225 | 16569 | 0.40 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.158 | 142 | 56835 | 0.40 | ng | # 90 |
| 16) Acenaphthylene | 14.065 | 152 | 66306 | 0.38 | ng | 98 |
| 17) Acenaphthene | 14.408 | 154 | 48473 | 0.39 | ng | 99 |
| 18) Fluorene | 15.398 | 166 | 58938 | 0.39 | ng | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.486 | 198 | 118 | 0.28 | ng | # 86 |
| 21) 4-Bromophenyl-phenylether | 16.287 | 248 | 18166 | 0.38 | ng | # 79 |
| 22) Hexachlorobenzene | 16.409 | 284 | 21237 | 0.39 | ng | # 91 |
| 23) Atrazine | 16.555 | 200 | 10700 | 0.43 | ng | 93 |
| 24) Pentachlorophenol | 16.750 | 266 | 1470 | 0.40 | ng | 99 |
| 25) Phenanthrene | 17.139 | 178 | 97108 | 0.40 | ng | 99 |
| 26) Anthracene | 17.224 | 178 | 76523 | 0.37 | ng | 99 |
| 28) Fluoranthene | 19.162 | 202 | 103649 | 0.40 | ng | # 97 |
| 30) Pyrene | 19.529 | 202 | 100638 | 0.38 | ng | 99 |
| 32) Benzo(a)anthracene | 21.280 | 228 | 87553 | 0.37 | ng | 98 |
| 33) Chrysene | 21.333 | 228 | 103252 | 0.40 | ng | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.227 | 149 | 25483 | 0.45 | ng | # 87 |
| 36) Indeno(1,2,3-cd)pyrene | 25.808 | 276 | 92382 | 0.39 | ng | # 88 |
| 37) Benzo(b)fluoranthene | 22.878 | 252 | 100196 | 0.38 | ng | # 94 |
| 38) Benzo(k)fluoranthene | 22.919 | 252 | 108482 | 0.39 | ng | # 94 |
| 39) Benzo(a)pyrene | 23.453 | 252 | 93378 | 0.39 | ng | # 87 |
| 40) Dibenzo(a,h)anthracene | 25.822 | 278 | 74015 | 0.40 | ng | # 91 |
| 41) Benzo(g,h,i)perylene | 26.496 | 276 | 74359 | 0.36 | ng | # 89 |

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

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