Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
Data File : BN014031.D
Acq On : 23 Mar 2021 03:16
Operator : CG/JU
Sample : PB135259BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB135259BS

Quant Time: Mar 23 03:48:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 19 14:40:09 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.700 | 152 | 5201 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.479 | 136 | 19137 | 0.40 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.321 | 164 | 10457 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.067 | 188 | 22535 | 0.40 | ng | | # 0.00 |
| 29) Chrysene-d12 | 21.236 | 240 | 22086 | 0.40 | ng | | -0.01 |
| 36) Perylene-d12 | 23.449 | 264 | 21397 | 0.40 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.292 | 112 | 5492 | 0.46 | ng | | 0.00 |
| 5) Phenol-d6 | 6.863 | 99 | 6908 | 0.45 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.845 | 82 | 5056 | 0.40 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.066 | 152 | 12993 | 0.44 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.818 | 330 | 1246 | 0.37 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.950 | 172 | 17105 | 0.44 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.091 | 212 | 27475 | 0.44 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.692 | 244 | 21819 | 0.45 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.239 | 88 | 2981 | 0.43 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.585 | 42 | 1508 | 0.33 | ng | # | 92 |
| 6) bis(2-Chloroethyl)ether | 7.128 | 93 | 5942 | 0.44 | ng | | 95 |
| 9) Naphthalene | 10.517 | 128 | 21214 | 0.45 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.809 | 225 | 3965 | 0.45 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.137 | 142 | 13992 | 0.44 | ng | | 99 |
| 16) Acenaphthylene | 14.042 | 152 | 16470 | 0.41 | ng | | 99 |
| 17) Acenaphthene | 14.384 | 154 | 12582 | 0.43 | ng | | 99 |
| 18) Fluorene | 15.374 | 166 | 15740 | 0.42 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.450 | 198 | 886 | 0.35 | ng | # | 81 |
| 21) 4-Bromophenyl-phenylether | 16.264 | 248 | 4877 | 0.42 | ng | # | 88 |
| 22) Hexachlorobenzene | 16.373 | 284 | 5850 | 0.44 | ng | | 99 |
| 23) Atrazine | 16.531 | 200 | 2980 | 0.38 | ng | | 98 |
| 24) Pentachlorophenol | 16.726 | 266 | 970 | 0.31 | ng | | 96 |
| 25) Phenanthrene | 17.103 | 178 | 26284 | 0.43 | ng | | 100 |
| 26) Anthracene | 17.189 | 178 | 21381 | 0.42 | ng | | 100 |
| 28) Fluoranthene | 19.121 | 202 | 29805 | 0.44 | ng | | 99 |
| 30) Pyrene | 19.483 | 202 | 30155 | 0.45 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.226 | 228 | 26662 | 0.42 | ng | | 99 |
| 33) Chrysene | 21.268 | 228 | 31729 | 0.47 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.162 | 149 | 7883 | 0.34 | ng | | 99 |
| 35) Indeno(1,2,3-cd)pyrene | 25.656 | 276 | 35990 | 0.49 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.785 | 252 | 33312 | 0.43 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 22.829 | 252 | 31775 | 0.42 | ng | # | 95 |
| 39) Benzo(a)pyrene | 23.349 | 252 | 28466 | 0.43 | ng | # | 95 |
| 40) Dibenzo(a,h)anthracene | 25.667 | 278 | 30402 | 0.43 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 26.331 | 276 | 32824 | 0.44 | ng | | 98 |

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

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