Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032319\
Data File : BN004920.D
Acq On : 23 Mar 2019 14:58
Operator : JU/SJ
Sample : PB118204BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB118204BS

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Sohil
3/25/2019 1:34:20 PM

Quant Time: Mar 24 01:33:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 1109 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.48 | 136 | 4250 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.33 | 164 | 2441 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.08 | 188 | 5822 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.28 | 240 | 8083 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.53 | 264 | 9888 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.28 | 112 | 1134 | 0.38 | ng | | 0.00 |
| 5) Phenol-d6 | 6.87 | 99 | 1322 | 0.35 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.86 | 82 | 1023 | 0.36 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.07 | 152 | 2125 | 0.29 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.84 | 330 | 533 | 0.32 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.95 | 172 | 3204 | 0.32 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.12 | 212 | 6240 | 0.32 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.72 | 244 | 5142 | 0.31 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 328 | 0.260 | ng | # | 69 |
| 3) n-Nitrosodimethylamine | 3.55 | 42 | 271 | 0.364 | ng | # | 87 |
| 6) bis(2-Chloroethyl)ether | 7.12 | 93 | 1082 | 0.320 | ng | | 98 |
| 9) Naphthalene | 10.53 | 128 | 3792 | 0.318 | ng | | 96 |
| 10) Hexachlorobutadiene | 10.80 | 225 | 674 | 0.296 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.15 | 142 | 2677 | 0.302 | ng | | 98 |
| 16) Acenaphthylene | 14.05 | 152 | 3832 | 0.305 | ng | | 99 |
| 17) Acenaphthene | 14.39 | 154 | 2461 | 0.299 | ng | | 98 |
| 18) Fluorene | 15.38 | 166 | 3323 | 0.289 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.27 | 248 | 1155 | 0.304 | ng | | 96 |
| 21) Hexachlorobenzene | 16.39 | 284 | 1206 | 0.277 | ng | | 94 |
| 22) Pentachlorophenol | 16.75 | 266 | 714m | 0.839 | ng | | |
| 23) Phenanthrene | 17.12 | 178 | 5794 | 0.308 | ng | | 99 |
| 24) Anthracene | 17.22 | 178 | 5284 | 0.315 | ng | | 99 |
| 26) Fluoranthene | 19.15 | 202 | 7441 | 0.308 | ng | | 99 |
| 28) Pyrene | 19.52 | 202 | 7737 | 0.314 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.27 | 228 | 8749 | 0.330 | ng | | 98 |
| 31) Chrysene | 21.32 | 228 | 8640 | 0.309 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 4640 | 0.438 | ng | | 97 |
| 33) Indeno(1,2,3-cd)pyrene | 25.80 | 276 | 14768 | 0.366 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 22.85 | 252 | 10378 | 0.290 | ng | # | 90 |
| 36) Benzo(k)fluoranthene | 22.90 | 252 | 10284 | 0.292 | ng | # | 90 |
| 37) Benzo(a)pyrene | 23.43 | 252 | 10307 | 0.314 | ng | # | 89 |
| 38) Dibenzo(a,h)anthracene | 25.81 | 278 | 12392 | 0.326 | ng | # | 94 |
| 39) Benzo(g,h,i)perylene | 26.50 | 276 | 12920 | 0.334 | ng | | 96 |

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

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