Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
Data File : BE100935.D
Acq On : 17 Dec 2019 1:36
Operator : JU
Sample : PB125440BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB125440BS

Quant Time: Dec 17 06:20:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 4573 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.54 | 136 | 19046 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.38 | 164 | 9555 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.12 | 188 | 22684 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.29 | 240 | 23322 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.74 | 264 | 23152 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.36 | 112 | 5117 | 0.47 | ng | | 0.00 |
| 5) Phenol-d6 | 6.93 | 99 | 7993 | 0.49 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 82 | 5425 | 0.60 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.12 | 152 | 12409 | 0.45 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.86 | 330 | 654 | 0.62 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.02 | 172 | 16198 | 0.43 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.15 | 212 | 105453 | 0.39 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.75 | 244 | 21639 | 0.39 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 2530 | 0.303 | ng | # | 4 |
| 3) n-Nitrosodimethylamine | 3.65 | 42 | 2952 | 0.435 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.18 | 93 | 6553 | 0.414 | ng | | 98 |
| 9) Naphthalene | 10.58 | 128 | 83651 | 0.413 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.89 | 225 | 2988 | 0.379 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.19 | 142 | 12664 | 0.401 | ng | | 93 |
| 16) Acenaphthylene | 14.11 | 152 | 16145 | 0.408 | ng | | 99 |
| 17) Acenaphthene | 14.46 | 154 | 10895 | 0.400 | ng | | 99 |
| 18) Fluorene | 15.42 | 166 | 14011 | 0.399 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.32 | 248 | 4027 | 0.362 | ng | | 88 |
| 21) Hexachlorobenzene | 16.44 | 284 | 4510 | 0.373 | ng | | 99 |
| 22) Pentachlorophenol | 16.77 | 266 | 982 | 1.174 | ng | | 97 |
| 23) Phenanthrene | 17.16 | 178 | 26950 | 0.392 | ng | | 99 |
| 24) Anthracene | 17.26 | 178 | 21964 | 0.382 | ng | | 99 |
| 26) Fluoranthene | 19.18 | 202 | 31102 | 0.379 | ng | | 99 |
| 28) Pyrene | 19.54 | 202 | 30882 | 0.408 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.28 | 228 | 28135 | 0.409 | ng | | 100 |
| 31) Chrysene | 21.33 | 228 | 34264 | 0.424 | ng | | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.23 | 149 | 26325 | 0.544 | ng | # | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.31 | 276 | 27621 | 0.393 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.99 | 252 | 28461 | 0.449 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.04 | 252 | 31816 | 0.448 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.63 | 252 | 24908 | 0.454 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 26.34 | 278 | 22610 | 0.414 | ng | | 97 |
| 39) Benzo(g,h,i)perylene | 27.09 | 276 | 26139 | 0.448 | ng | | 100 |

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

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