Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
Data File : BE101041.D
Acq On : 13 Jan 2020 16:57
Operator : JU
Sample : PB125976BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB125976BSD

**Manual Integrations APPROVED**
mohammad
1/14/2020 12:23:59 PM

Quant Time: Jan 14 09:52:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 3276 | 0.40 | ng | -0.01 |
| 7) Naphthalene-d8 | 10.50 | 136 | 14313 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.36 | 164 | 7903 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.09 | 188 | 16952 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.27 | 240 | 14835 | 0.40 | ng | -0.01 |
| 34) Perylene-d12 | 23.69 | 264 | 15716 | 0.40 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.34 | 112 | 1553m | 0.21 | ng | 0.00 |
| 5) Phenol-d6 | 6.92 | 99 | 1142 | 0.12 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.87 | 82 | 2911 | 0.28 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.11 | 152 | 9721m | 0.36 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.85 | 330 | 544 | 0.24 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.99 | 172 | 14713 | 0.49 | ng | -0.01 |
| 25) Fluoranthene-d10 | 19.13 | 212 | 75799 | 0.32 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.74 | 244 | 15159 | 0.42 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 1538 | 0.102 | ng | # 53 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 1149 | 0.252 | ng | # 75 |
| 6) bis(2-Chloroethyl)ether | 7.16 | 93 | 3480 | 0.313 | ng | 99 |
| 9) Naphthalene | 10.55 | 128 | 62408 | 0.393 | ng | 100 |
| 10) Hexachlorobutadiene | 10.85 | 225 | 2445 | 0.363 | ng | 99 |
| 12) 2-Methylnaphthalene | 12.18 | 142 | 9007 | 0.375 | ng | 98 |
| 16) Acenaphthylene | 14.08 | 152 | 9768 | 0.303 | ng | 100 |
| 17) Acenaphthene | 14.43 | 154 | 8565 | 0.372 | ng | 98 |
| 18) Fluorene | 15.39 | 166 | 10801 | 0.371 | ng | 99 |
| 20) 4-Bromophenyl-phenylether | 16.30 | 248 | 2836 | 0.343 | ng | 93 |
| 21) Hexachlorobenzene | 16.41 | 284 | 3366 | 0.371 | ng | 99 |
| 22) Pentachlorophenol | 16.76 | 266 | 991 | 0.562 | ng | 86 |
| 23) Phenanthrene | 17.13 | 178 | 17296 | 0.374 | ng | 99 |
| 24) Anthracene | 17.23 | 178 | 15121 | 0.346 | ng | 97 |
| 26) Fluoranthene | 19.16 | 202 | 20518 | 0.354 | ng | 99 |
| 28) Pyrene | 19.52 | 202 | 20712 | 0.375 | ng | 99 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 12490 | 0.295 | ng | 99 |
| 31) Chrysene | 21.31 | 228 | 26996 | 0.429 | ng | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 24581 | 0.348 | ng | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.24 | 276 | 18365 | 0.369 | ng | 97 |
| 35) Benzo(b)fluoranthene | 22.95 | 252 | 15814 | 0.359 | ng | 100 |
| 36) Benzo(k)fluoranthene | 23.00 | 252 | 24910 | 0.390 | ng | 97 |
| 37) Benzo(a)pyrene | 23.59 | 252 | 16093 | 0.377 | ng | 99 |
| 38) Dibenzo(a,h)anthracene | 26.27 | 278 | 12916 | 0.329 | ng | 98 |
| 39) Benzo(g,h,i)perylene | 27.01 | 276 | 19244 | 0.399 | ng | 99 |

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

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