Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101718\
Data File : BE097965.D
Acq On : 18 Oct 2018 2:14
Operator : SJ/JU
Sample : J5317-16MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
RE-109D2-20181005MSD

**Manual Integrations APPROVED**
Sohil
10/18/2018 1:57:50 PM

Quant Time: Oct 18 11:21:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.88 | 152 | 1893 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.68 | 136 | 8710 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.54 | 164 | 6095 | 0.40 | ng | | -0.02 |
| 19) Phenanthrene-d10 | 17.29 | 188 | 16171 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.47 | 240 | 18579 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 24.03 | 264 | 18567 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.46 | 112 | 1249 | 0.21 | ng | | 0.00 |
| 5) Phenol-d6 | 7.05 | 99 | 1101 | 0.12 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.03 | 82 | 3405 | 0.41 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.28 | 152 | 5855m | 0.40 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 1340 | 0.41 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.16 | 172 | 9736 | 0.39 | ng | | -0.02 |
| 25) Fluoranthene-d10 | 19.33 | 212 | 88761 | 0.41 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.92 | 244 | 17399 | 0.41 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.39 | 88 | 8950 | 2.712 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.68 | 42 | 518 | 0.141 | ng | # | 77 |
| 6) bis(2-Chloroethyl)ether | 7.30 | 93 | 2779 | 0.371 | ng | | 93 |
| 9) Naphthalene | 10.73 | 128 | 40629 | 0.468 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.02 | 225 | 1702 | 0.364 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.35 | 142 | 7011 | 0.472 | ng | | 96 |
| 16) Acenaphthylene | 14.27 | 152 | 11696 | 0.415 | ng | | 100 |
| 17) Acenaphthene | 14.61 | 154 | 6938 | 0.403 | ng | | 99 |
| 18) Fluorene | 15.59 | 166 | 10417 | 0.440 | ng | | 97 |
| 20) 4-Bromophenyl-phenylether | 16.49 | 248 | 3569 | 0.404 | ng | # | 84 |
| 21) Hexachlorobenzene | 16.60 | 284 | 3409 | 0.392 | ng | | 94 |
| 22) Pentachlorophenol | 16.95 | 266 | 2501 | 0.989 | ng | | 97 |
| 23) Phenanthrene | 17.34 | 178 | 18449m | 0.449 | ng | | |
| 24) Anthracene | 17.42 | 178 | 17625 | 0.454 | ng | | 99 |
| 26) Fluoranthene | 19.36 | 202 | 23683 | 0.439 | ng | | 98 |
| 28) Pyrene | 19.72 | 202 | 24096 | 0.450 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.46 | 228 | 24857 | 0.436 | ng | | 99 |
| 31) Chrysene | 21.52 | 228 | 23755 | 0.440 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.39 | 149 | 76252 | 0.644 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.73 | 276 | 22976 | 0.380 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.25 | 252 | 23245 | 0.435 | ng | # | 94 |
| 36) Benzo(k)fluoranthene | 23.30 | 252 | 22163 | 0.398 | ng | # | 95 |
| 37) Benzo(a)pyrene | 23.92 | 252 | 21173 | 0.407 | ng | # | 93 |
| 38) Dibenzo(a,h)anthracene | 26.75 | 278 | 20112 | 0.394 | ng | # | 95 |
| 39) Benzo(g,h,i)perylene | 27.55 | 276 | 18615 | 0.356 | ng | | 99 |

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

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