Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070519\
Data File : BE100404.D
Acq On : 6 Jul 2019 5:31
Operator : JU/SJ
Sample : K3561-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
EXT-016-SW099-062519MSD

**Manual Integrations APPROVED**
mohammad
7/8/2019 2:14:42 PM

Quant Time: Jul 06 06:47:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 583 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.42 | 136 | 1964 | 0.40 | ng | | -0.03 |
| 13) Acenaphthene-d10 | 14.30 | 164 | 1424 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.04 | 188 | 4523 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.23 | 240 | 5834 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.65 | 264 | 7478 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.20 | 112 | 478 | 0.32 | ng | | -0.01 |
| 5) Phenol-d6 | 6.81 | 99 | 661 | 0.34 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.80 | 82 | 507 | 0.26 | ng | | -0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.02 | 152 | 1465 | 0.40 | ng | | -0.03 |
| 14) 2,4,6-Tribromophenol | 15.80 | 330 | 353 | 0.35 | ng | | -0.03 |
| 15) 2-Fluorobiphenyl | 12.91 | 172 | 1884 | 0.34 | ng | | -0.03 |
| 25) Fluoranthene-d10 | 19.08 | 212 | 18071 | 0.28 | ng | | -0.02 |
| 29) Terphenyl-d14 | 19.68 | 244 | 4167 | 0.34 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.07 | 88 | 211 | 0.233 | ng | # | 46 |
| 3) n-Nitrosodimethylamine | 3.42 | 42 | 184 | 0.436 | ng | # | 84 |
| 6) bis(2-Chloroethyl)ether | 7.06 | 93 | 462 | 0.288 | ng | # | 68 |
| 9) Naphthalene | 10.47 | 128 | 7446 | 0.344 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.73 | 225 | 689 | 0.330 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.09 | 142 | 1151 | 0.303 | ng | | 95 |
| 16) Acenaphthylene | 14.02 | 152 | 2492 | 0.365 | ng | | 99 |
| 17) Acenaphthene | 14.36 | 154 | 1400 | 0.362 | ng | | 94 |
| 18) Fluorene | 15.34 | 166 | 2141 | 0.374 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.24 | 248 | 882 | 0.306 | ng | # | 92 |
| 21) Hexachlorobenzene | 16.34 | 284 | 874 | 0.292 | ng | | 95 |
| 22) Pentachlorophenol | 16.72 | 266 | 293 | 0.325 | ng | | 96 |
| 23) Phenanthrene | 17.08 | 178 | 15276 | 1.393 | ng | | 99 |
| 24) Anthracene | 17.17 | 178 | 4497 | 0.456 | ng | # | 96 |
| 26) Fluoranthene | 19.11 | 202 | 26246 | 1.503 | ng | | 99 |
| 28) Pyrene | 19.48 | 202 | 43422 | 2.811 | ng | # | 95 |
| 30) Benzo(a)anthracene | 21.21 | 228 | 25016 | 1.304 | ng | | 97 |
| 31) Chrysene | 21.27 | 228 | 28673 | 1.489 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 21038 | 0.718 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.20 | 276 | 15236 | 0.598 | ng | | 94 |
| 35) Benzo(b)fluoranthene | 22.91 | 252 | 22706 | 1.120 | ng | # | 98 |
| 36) Benzo(k)fluoranthene | 22.95 | 252 | 13126m | 0.580 | ng | | |
| 37) Benzo(a)pyrene | 23.54 | 252 | 21088 | 1.038 | ng | # | 96 |
| 38) Dibenzo(a,h)anthracene | 26.22 | 278 | 7293 | 0.344 | ng | | 93 |
| 39) Benzo(g,h,i)perylene | 26.98 | 276 | 15675 | 0.719 | ng | | 98 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070519\
Data File : BE100404.D
Acq On : 6 Jul 2019 5:31
Operator : JU/SJ
Sample : K3561-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 06 06:47:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
EXT-016-SW099-062519MSD

**Manual Integrations APPROVED**
mohammad
7/8/2019 2:14:42 PM