Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100257.D
Acq On : 29 Jun 2019 4:40
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

**Manual Integrations APPROVED**
mohammad
7/1/2019 3:08:06 PM

Quant Time: Jun 29 05:16:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 00:22:29 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.64 | 152 | 1164 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.43 | 136 | 4234 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.33 | 164 | 3230 | 0.40 | ng | | 0.02 |
| 19) Phenanthrene-d10 | 17.07 | 188 | 8493 | 0.40 | ng | | 0.01 |
| 27) Chrysene-d12 | 21.25 | 240 | 10341 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.68 | 264 | 12381 | 0.40 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.21 | 112 | 1335 | 0.45 | ng | | 0.00 |
| 5) Phenol-d6 | 6.83 | 99 | 1807 | 0.46 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 8.81 | 82 | 1773 | 0.42 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.05 | 152 | 3341 | 0.42 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.81 | 330 | 970 | 0.43 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.94 | 172 | 5038 | 0.40 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.10 | 212 | 48624 | 0.39 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.70 | 244 | 10097 | 0.47 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.09 | 88 | 488 | 0.270 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.45 | 42 | 342 | 0.406 | ng | # | 84 |
| 6) bis(2-Chloroethyl)ether | 7.08 | 93 | 1306 | 0.407 | ng | # | 67 |
| 9) Naphthalene | 10.49 | 128 | 18687 | 0.400 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.76 | 225 | 1774 | 0.394 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.12 | 142 | 3275 | 0.400 | ng | | 94 |
| 16) Acenaphthylene | 14.04 | 152 | 8380 | 0.541 | ng | | 98 |
| 17) Acenaphthene | 14.38 | 154 | 3548 | 0.404 | ng | | 97 |
| 18) Fluorene | 15.37 | 166 | 5133 | 0.395 | ng | | 97 |
| 20) 4-Bromophenyl-phenylether | 16.25 | 248 | 2420 | 0.446 | ng | # | 78 |
| 21) Hexachlorobenzene | 16.37 | 284 | 2390 | 0.425 | ng | | 97 |
| 22) Pentachlorophenol | 16.73 | 266 | 932 | 0.550 | ng | | 93 |
| 23) Phenanthrene | 17.11 | 178 | 8535 | 0.415 | ng | | 98 |
| 24) Anthracene | 17.20 | 178 | 8634 | 0.466 | ng | | 98 |
| 26) Fluoranthene | 19.13 | 202 | 12551 | 0.383 | ng | | 99 |
| 28) Pyrene | 19.49 | 202 | 12929 | 0.472 | ng | | 96 |
| 30) Benzo(a)anthracene | 21.23 | 228 | 15215 | 0.447 | ng | # | 84 |
| 31) Chrysene | 21.28 | 228 | 13933 | 0.408 | ng | | 90 |
| 32) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 23217 | 0.426 | ng | # | 96 |
| 33) Indeno(1,2,3-cd)pyrene | 26.24 | 276 | 16572 | 0.367 | ng | | 100 |
| 35) Benzo(b)fluoranthene | 22.93 | 252 | 14695m | 0.438 | ng | | |
| 36) Benzo(k)fluoranthene | 22.98 | 252 | 14253 | 0.380 | ng | # | 89 |
| 37) Benzo(a)pyrene | 23.57 | 252 | 13787 | 0.410 | ng | # | 89 |
| 38) Dibenzo(a,h)anthracene | 26.26 | 278 | 13832 | 0.394 | ng | # | 89 |
| 39) Benzo(g,h,i)perylene | 27.03 | 276 | 13387 | 0.371 | ng | # | 89 |

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

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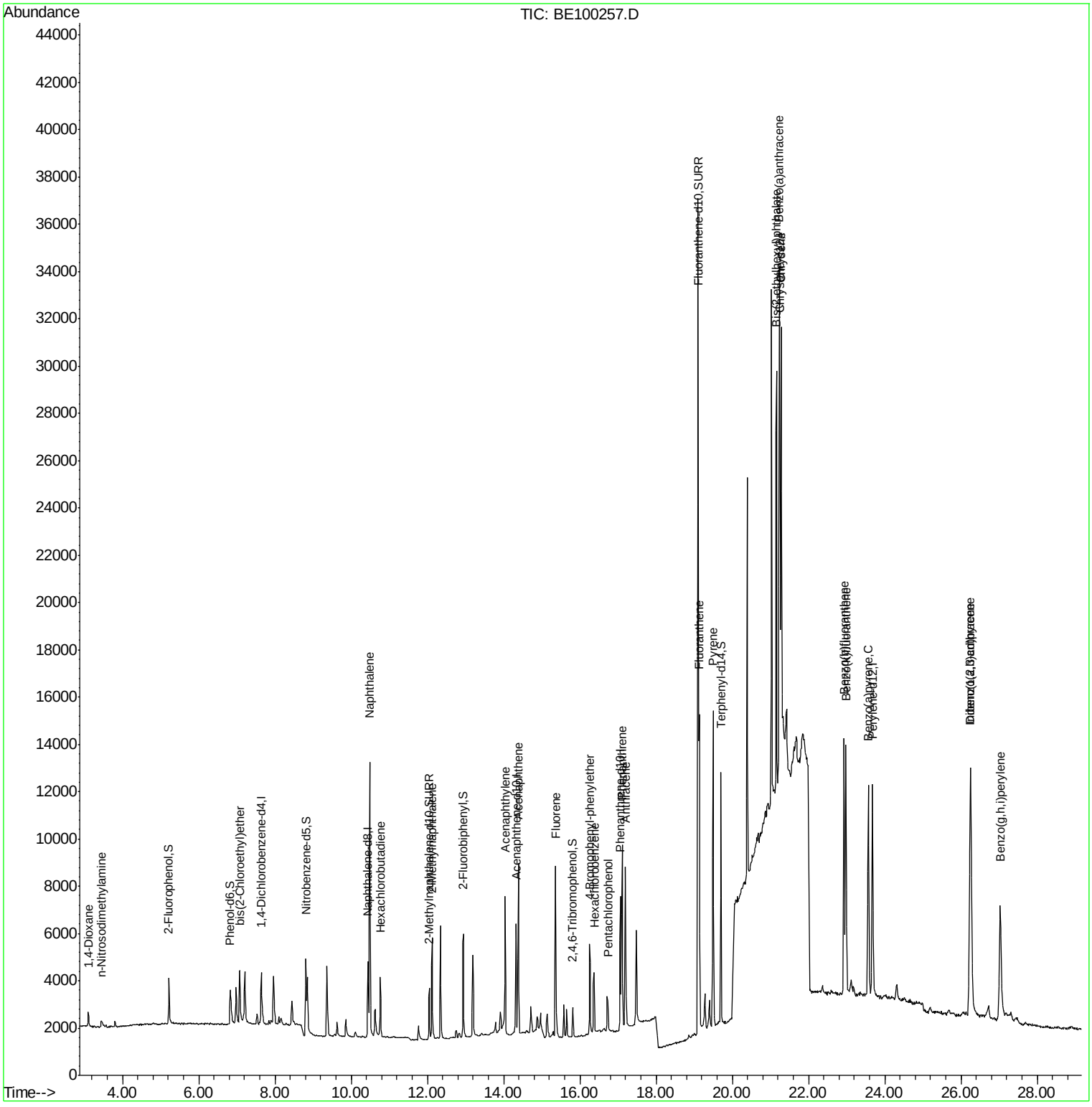
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

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