Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091117\
Data File : BE093979.D
Acq On : 12 Sep 2017 1:11
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Sohil
9/12/2017 6:04:10 PM

Quant Time: Sep 12 08:38:29 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 2027 | 0.40 ng | 0.00 |
| 7) Naphthalene-d8 | 10.71 | 136 | 10131 | 0.40 ng | 0.00 |
| 13) Acenaphthene-d10 | 14.52 | 164 | 5618 | 0.40 ng | 0.00 |
| 19) Phenanthrene-d10 | 17.27 | 188 | 10520 | 0.40 ng | 0.00 |
| 27) Chrysene-d12 | 21.42 | 240 | 13689 | 0.40 ng | -0.01 |
| 34) Perylene-d12 | 23.94 | 264 | 10637 | 0.40 ng | 0.00 |
| **System Monitoring Compounds** | | | | | |
| 4) 2-Fluorophenol | 5.53 | 112 | 2562 | 0.39 ng | 0.00 |
| 5) Phenol-d6 | 7.11 | 99 | 3752 | 0.38 ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.08 | 82 | 3410 | 0.40 ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.30 | 152 | 6602 | 0.41 ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 683 | 0.39 ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.16 | 172 | 9140 | 0.41 ng | 0.00 |
| 25) Fluoranthene-d10 | 19.28 | 212 | 60523 | 0.39 ng | 0.00 |
| 29) Terphenyl-d14 | 19.87 | 244 | 10031 | 0.40 ng | 0.00 |

| Target Compounds | R.T. | QIon | Response | Conc Units | | Qvalue |
|---|---|---|---|---|---|---|
| 2) 1,4-Dioxane | 3.42 | 88 | 1223 | 0.438 ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.75 | 42 | 1304 | 0.398 ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.34 | 93 | 3200 | 0.398 ng | | 85 |
| 9) Naphthalene | 10.76 | 128 | 47384 | 0.408 ng | | 100 |
| 10) Hexachlorobutadiene | 11.03 | 225 | 1694 | 0.401 ng | | 99 |
| 12) 2-Methylnaphthalene | 12.37 | 142 | 7843 | 0.407 ng | | 98 |
| 16) Acenaphthylene | 14.24 | 152 | 11109 | 0.396 ng | | 100 |
| 17) Acenaphthene | 14.58 | 154 | 7664 | 0.404 ng | | 99 |
| 18) Fluorene | 15.58 | 166 | 9836 | 0.402 ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.45 | 248 | 2568 | 0.426 ng | | 83 |
| 21) Hexachlorobenzene | 16.58 | 284 | 2243 | 0.361 ng | # | 100 |
| 22) Pentachlorophenol | 16.94 | 266 | 665 | 0.399 ng | | 94 |
| 23) Phenanthrene | 17.30 | 178 | 15060m | 0.439 ng | | |
| 24) Anthracene | 17.40 | 178 | 13170m | 0.411 ng | | |
| 26) Fluoranthene | 19.31 | 202 | 17995 | 0.384 ng | | 99 |
| 28) Pyrene | 19.67 | 202 | 18814 | 0.399 ng | | 99 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 15660 | 0.372 ng | | 100 |
| 31) Chrysene | 21.46 | 228 | 18350 | 0.413 ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149 | 34875 | 0.342 ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.60 | 276 | 10238 | 0.345 ng | | 98 |
| 35) Benzo(b)fluoranthene | 23.16 | 252 | 13684 | 0.404 ng | | 98 |
| 36) Benzo(k)fluoranthene | 23.21 | 252 | 17766 | 0.428 ng | | 97 |
| 37) Benzo(a)pyrene | 23.82 | 252 | 14028 | 0.407 ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 26.62 | 278 | 8140 | 0.356 ng | # | 94 |
| 39) Benzo(g,h,i)perylene | 27.42 | 276 | 9226 | 0.382 ng | | 99 |

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

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