Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE011018\
Data File : BE095070.D
Acq On : 10 Jan 2018 14:07
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jan 10 15:13:36 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 10 13:00:41 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.46 | 152 | 7268 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.29 | 136 | 17022 | 0.40 | ng | | -0.02 |
| 13) Acenaphthene-d10 | 15.03 | 164 | 9606 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.74 | 188 | 22743 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.84 | 240 | 22186 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.49 | 264 | 18574 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.94 | 112 | 4238 | 0.38 | ng | | 0.00 |
| 5) Phenol-d6 | 7.58 | 99 | 6216 | 0.37 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.63 | 82 | 5398 | 0.39 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.84 | 152 | 10947 | 0.39 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.50 | 330 | 712 | 0.32 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.68 | 172 | 17004 | 0.40 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.72 | 212 | 108523 | 0.37 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.28 | 244 | 17699 | 0.42 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.66 | 88 | 2825 | 0.394 | ng | # | 89 |
| 3) n-Nitrosodimethylamine | 4.02 | 42 | 3431 | 0.405 | ng | | 93 |
| 6) bis(2-Chloroethyl)ether | 7.85 | 93 | 6741 | 0.412 | ng | | 88 |
| 9) Naphthalene | 11.34 | 128 | 76537 | 0.383 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.61 | 225 | 3479 | 0.383 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.91 | 142 | 12953 | 0.260 | ng | | 98 |
| 16) Acenaphthylene | 14.76 | 152 | 19340 | 0.377 | ng | | 99 |
| 17) Acenaphthene | 15.10 | 154 | 13077 | 0.384 | ng | | 96 |
| 18) Fluorene | 16.07 | 166 | 16276 | 0.385 | ng | # | 79 |
| 20) 4-Bromophenyl-phenylether | 16.94 | 248 | 5178 | 0.389 | ng | # | 78 |
| 21) Hexachlorobenzene | 17.06 | 284 | 5038 | 0.370 | ng | # | 84 |
| 22) Pentachlorophenol | 17.40 | 266 | 751 | 0.302 | ng | # | 75 |
| 23) Phenanthrene | 17.79 | 178 | 26830 | 0.379 | ng | | 99 |
| 24) Anthracene | 17.88 | 178 | 27059 | 0.372 | ng | # | 93 |
| 26) Fluoranthene | 19.75 | 202 | 31937 | 0.365 | ng | | 98 |
| 28) Pyrene | 20.10 | 202 | 35493 | 0.472 | ng | | 97 |
| 30) Benzo(a)anthracene | 21.81 | 228 | 25693 | 0.396 | ng | # | 62 |
| 31) Chrysene | 21.87 | 228 | 31075 | 0.426 | ng | # | 64 |
| 32) Bis(2-ethylhexyl)phthalate | 21.70 | 149 | 30776 | 0.373 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 27.32 | 276 | 23333 | 0.393 | ng | | 97 |
| 35) Benzo(b)fluoranthene | 23.66 | 252 | 25860 | 0.379 | ng | # | 90 |
| 36) Benzo(k)fluoranthene | 23.71 | 252 | 26770 | 0.387 | ng | | 95 |
| 37) Benzo(a)pyrene | 24.37 | 252 | 23450 | 0.387 | ng | | 94 |
| 38) Dibenzo(a,h)anthracene | 27.34 | 278 | 17890 | 0.319 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 28.19 | 276 | 20434 | 0.366 | ng | # | 94 |

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

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