Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080117\
Data File : BE093618.D
Acq On : 1 Aug 2017 16:04
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE080117

**Manual Integrations APPROVED**
Sohil
8/2/2017 7:16:56 PM

Quant Time: Aug 01 17:33:28 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 01 16:48:54 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 2534 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.71 | 136 | 11988 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.52 | 164 | 6841 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.24 | 188 | 16553 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.41 | 240 | 18306 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.91 | 264 | 15195 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.52 | 112 | 2926 | 0.39 | ng | | 0.00 |
| 5) Phenol-d6 | 7.09 | 99 | 4273 | 0.38 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.06 | 82 | 3516 | 0.38 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.29 | 152 | 7411 | 0.39 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.00 | 330 | 495 | 0.35 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.15 | 172 | 10745 | 0.39 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.28 | 212 | 73000 | 0.39 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.86 | 244 | 12977 | 0.39 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.44 | 88 | 1597 | 0.389 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.75 | 42 | 1466 | 0.381 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 7.34 | 93 | 3713 | 0.389 | ng | # | 99 |
| 9) Naphthalene | 10.76 | 128 | 54066 | 0.390 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.04 | 225 | 2006 | 0.390 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.36 | 142 | 8820 | 0.384 | ng | | 96 |
| 16) Acenaphthylene | 14.24 | 152 | 12362 | 0.378 | ng | # | 88 |
| 17) Acenaphthene | 14.58 | 154 | 8828 | 0.383 | ng | | 100 |
| 18) Fluorene | 15.56 | 166 | 11667 | 0.378 | ng | # | 87 |
| 20) 4-Bromophenyl-phenylether | 16.45 | 248 | 1985 | 0.392 | ng | # | 99 |
| 21) Hexachlorobenzene | 16.58 | 284 | 2206 | 0.435 | ng | # | 100 |
| 22) Pentachlorophenol | 16.91 | 266 | 792 | 0.396 | ng | | 100 |
| 23) Phenanthrene | 17.27 | 178 | 13990m | 0.384 | ng | | |
| 24) Anthracene | 17.37 | 178 | 19048m | 0.383 | ng | | |
| 26) Fluoranthene | 19.30 | 202 | 22583 | 0.390 | ng | | 99 |
| 28) Pyrene | 19.66 | 202 | 22674 | 0.383 | ng | # | 99 |
| 30) Benzo(a)anthracene | 21.39 | 228 | 20763 | 0.386 | ng | | 95 |
| 31) Chrysene | 21.45 | 228 | 23547 | 0.392 | ng | | 96 |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149 | 24794 | 0.338 | ng | | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 26.55 | 276 | 21254 | 0.391 | ng | | 93 |
| 35) Benzo(b)fluoranthene | 23.14 | 252 | 20720 | 0.382 | ng | # | 94 |
| 36) Benzo(k)fluoranthene | 23.19 | 252 | 21676 | 0.391 | ng | # | 93 |
| 37) Benzo(a)pyrene | 23.80 | 252 | 18804 | 0.383 | ng | # | 93 |
| 38) Dibenzo(a,h)anthracene | 26.57 | 278 | 18598 | 0.392 | ng | # | 88 |
| 39) Benzo(g,h,i)perylene | 27.36 | 276 | 18757 | 0.390 | ng | # | 92 |

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

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