Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030617\
Data File : BE092787.D
Acq On : 6 Mar 2017 14:39
Operator : SJ/MA
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC010

**Manual Integrations APPROVED**
mohammad
3/7/2017 4:22:52 PM

Quant Time: Mar 06 15:32:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE030617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 06 11:46:43 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.09 | 152 | 10675 | 5.00 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.88 | 136 | 50814 | 5.00 | ng | | -0.02 |
| 12) Acenaphthene-d10 | 14.75 | 164 | 34598 | 5.00 | ng | | -0.02 |
| 18) Phenanthrene-d10 | 17.51 | 188 | 65043 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.68 | 240 | 85176 | 5.00 | ng | | -0.02 |
| 31) Perylene-d12 | 24.01 | 264 | 75760 | 5.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.59 | 112 | 26172 | 12.60 | ng | | -0.04 |
| 5) Phenol-d6 | 0.00 | 99 | 0d | 0.00 | ng | | |
| 8) Nitrobenzene-d5 | 9.25 | 82 | 37277 | 13.17 | ng | | -0.07 |
| 13) 2,4,6-Tribromophenol | 0.00 | 330 | 0d | 0.00 | ng | | |
| 14) 2-Fluorobiphenyl | 13.36 | 172 | 84452 | 10.01 | ng | | -0.03 |
| 26) Terphenyl-d14 | 20.11 | 244 | 114618 | 10.54 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.33 | 88 | 12464 | 8.22 | ng | | 92 |
| 3) n-Nitrosodimethylamine | 3.68 | 42 | 20111 | 12.73 | ng | | 98 |
| 6) bis(2-Chloroethyl)ether | 7.52 | 93 | 30734 | 10.90 | ng | # | 27 |
| 9) Naphthalene | 10.91 | 128 | 109738 | 9.98 | ng | # | 95 |
| 10) Hexachlorobutadiene | 11.20 | 225 | 15473 | 9.57 | ng | | 99 |
| 11) 2-Methylnaphthalene | 12.54 | 142 | 77120 | 11.16 | ng | | 97 |
| 15) Acenaphthylene | 14.46 | 152 | 565900 | 10.84 | ng | | 100 |
| 16) Acenaphthene | 14.81 | 154 | 81464 | 10.74 | ng | | 95 |
| 17) Fluorene | 15.80 | 166 | 106571 | 10.94 | ng | | 100 |
| 19) Hexachlorobenzene | 16.82 | 284 | 31347 | 12.48 | ng | # | 64 |
| 21) Phenanthrene | 17.53 | 178 | 176845 | 11.44 | ng | # | 94 |
| 22) Anthracene | 17.63 | 178 | 185219 | 13.02 | ng | | 98 |
| 23) Fluoranthene | 19.54 | 202 | 826531 | 12.47 | ng | | 98 |
| 25) Pyrene | 19.90 | 202 | 882944 | 10.89 | ng | | 99 |
| 28) Chrysene | 21.70 | 228 | 784689m | 8.01 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.59 | 149 | 101030 | 8.81 | ng | # | 69 |
| 30) Indeno(1,2,3-cd)pyrene | 26.44 | 276 | 879286 | 7.96 | ng | | 97 |
| 32) Benzo(b)fluoranthene | 23.29 | 252 | 219566 | 10.25 | ng | # | 96 |
| 33) Benzo(k)fluoranthene | 23.34 | 252 | 198864 | 8.78 | ng | | 94 |
| 34) Benzo(a)pyrene | 23.90 | 252 | 198896 | 10.21 | ng | # | 95 |
| 35) Dibenzo(a,h)anthracene | 26.46 | 278 | 185603 | 9.04 | ng | | 93 |
| 36) Benzo(g,h,i)perylene | 27.21 | 276 | 764098 | 8.80 | ng | | 97 |

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

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