Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092617\
Data File : BE094124.D
Acq On : 26 Sep 2017 9:46
Operator : SJ/JU
Sample : I5340-06RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
LT-TS-006

**Manual Integrations APPROVED**
Sohil
9/27/2017 12:45:34 PM

Quant Time: Sep 26 16:22:59 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 17:37:08 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.90 | 152 | 1501 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.69 | 136 | 7204 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.51 | 164 | 4800 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.24 | 188 | 18340 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.40 | 240 | 15729 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.91 | 264 | 14895 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.50 | 112 | 2371 | 0.42 | ng | | 0.00 |
| 5) Phenol-d6 | 7.09 | 99 | 3374 | 0.43 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.06 | 82 | 2819 | 0.40 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.27 | 152 | 4923 | 0.44 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.00 | 330 | 1019 | 0.37 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.13 | 172 | 6427 | 0.41 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.27 | 212 | 71186 | 0.40 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.85 | 244 | 11061 | 0.39 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Naphthalene | 10.74 | 128 | 3090 | 0.038 | ng | # | 92 |
| 12) 2-Methylnaphthalene | 12.35 | 142 | 498 | 0.038 | ng | # | 85 |
| 16) Acenaphthylene | 14.23 | 152 | 5238 | 0.218 | ng | | 99 |
| 17) Acenaphthene | 14.57 | 154 | 649 | 0.043 | ng | # | 91 |
| 18) Fluorene | 15.56 | 166 | 1542 | 0.076 | ng | | 90 |
| 23) Phenanthrene | 17.27 | 178 | 45646 | 0.973 | ng | | 98 |
| 24) Anthracene | 17.37 | 178 | 6990 | 0.142 | ng | # | 92 |
| 26) Fluoranthene | 19.30 | 202 | 101640 | 1.933 | ng | | 99 |
| 28) Pyrene | 19.66 | 202 | 100657 | 2.020 | ng | # | 96 |
| 30) Benzo(a)anthracene | 21.38 | 228 | 47371 | 0.894 | ng | | 97 |
| 31) Chrysene | 21.44 | 228 | 57588 | 1.127 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 42086 | 0.059 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.55 | 276 | 33631 | 0.615 | ng | | 96 |
| 35) Benzo(b)fluoranthene | 23.14 | 252 | 73183 | 1.362 | ng | | 97 |
| 36) Benzo(k)fluoranthene | 23.18 | 252 | 24263m | 0.472 | ng | | |
| 37) Benzo(a)pyrene | 23.79 | 252 | 48855 | 1.006 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 26.56 | 278 | 8508 | 0.185 | ng | # | 77 |
| 39) Benzo(g,h,i)perylene | 27.38 | 276 | 34556 | 0.759 | ng | | 99 |

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

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