Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101659.D
Acq On : 22 Dec 2017 17:53
Operator : SJ/JU
Sample : I6683-11 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
EO-02-122017-C

**Manual Integrations APPROVED**
Sohil
12/26/2017 1:37:22 PM

Quant Time: Dec 22 23:26:44 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 160025 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 605506 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.82 | 164 | 253516 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.32 | 188 | 428326 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.97 | 240 | 299874 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.43 | 264 | 312268 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 505408 | 47.05 | ng | | 0.00 |
| 7) Phenol-d6 | 6.43 | 99 | 619783 | 46.36 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 376164 | 34.58 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 110857 | 45.38 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.14 | 172 | 593671 | 36.33 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.90 | 244 | 445841 | 35.84 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.09 | 128 | 298109 | 9.779 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.78 | 142 | 193330 | 9.734 | ng | | 98 |
| 48) Acenaphthylene | 9.69 | 152 | 77632 | 2.857 | ng | # | 97 |
| 49) Dimethylphthalate | 9.54 | 163 | 69499 | 3.408 | ng | | 99 |
| 51) Acenaphthene | 9.86 | 154 | 141554 | 8.671 | ng | | 99 |
| 54) Dibenzofuran | 10.03 | 168 | 178067 | 8.583 | ng | # | 95 |
| 57) Fluorene | 10.37 | 166 | 284667 | 16.220 | ng | | 99 |
| 70) Phenanthrene | 11.35 | 178 | 1394913 | 58.561 | ng | | 98 |
| 71) Anthracene | 11.39 | 178 | 530177 | 21.790 | ng | | 99 |
| 72) Carbazole | 11.56 | 167 | 95822 | 4.206 | ng | | 97 |
| 74) Fluoranthene | 12.54 | 202 | 1500409 | 60.011 | ng | | 98 |
| 77) Pyrene | 12.77 | 202 | 1389898 | 61.758 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.96 | 228 | 753055 | 38.031 | ng | | 99 |
| 82) Chrysene | 13.99 | 228 | 587602 | 31.429 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 16.90 | 276 | 263732 | 15.841 | ng | # | 91 |
| 87) Benzo(b)fluoranthene | 15.01 | 252 | 648080m | 34.050 | ng | | |
| 88) Benzo(k)fluoranthene | 15.03 | 252 | 248230m | 13.414 | ng | | |
| 89) Benzo(a)pyrene | 15.37 | 252 | 515138 | 29.359 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.90 | 278 | 67077 | 4.453 | ng | # | 89 |
| 91) Benzo(g,h,i)perylene | 17.35 | 276 | 244098 | 16.363 | ng | | 93 |

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

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