Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098441.D
Acq On : 12 Sep 2017 9:46
Operator : SJ/JU
Sample : I5151-03DL 250X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
NYSEG-PH4-ESMI2-3DL

**Manual Integrations APPROVED**
Sohil
9/12/2017 6:02:29 PM

Quant Time: Sep 12 12:02:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.67 | 152 | 230587 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.95 | 136 | 933019 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.70 | 164 | 378735 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.18 | 188 | 548716 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.82 | 240 | 375183 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.22 | 264 | 380917 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 4882 | 0.31 | ng | | 0.02 |
| 7) Phenol-d6 | 6.34 | 99 | 8062 | 0.41 | ng | | 0.02 |
| 23) Nitrobenzene-d5 | 7.24 | 82 | 5099 | 0.30 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.49 | 330 | 418 | 0.17 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.02 | 172 | 9371 | 0.42 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.76 | 244 | 5088 | 0.29 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 7.98 | 128 | 2890824 | 62.675 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.66 | 142 | 606207 | 21.697 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.13 | 154 | 186810 | 5.511 | ng | | 98 |
| 48) Acenaphthylene | 9.56 | 152 | 115212 | 3.201 | ng | # | 95 |
| 51) Acenaphthene | 9.73 | 154 | 644222 | 28.155 | ng | | 98 |
| 54) Dibenzofuran | 9.90 | 168 | 542833 | 18.008 | ng | | 98 |
| 57) Fluorene | 10.25 | 166 | 463156 | 18.563 | ng | | 99 |
| 70) Phenanthrene | 11.21 | 178 | 1856753 | 63.830 | ng | | 99 |
| 71) Anthracene | 11.26 | 178 | 567296 | 18.995 | ng | | 98 |
| 72) Carbazole | 11.42 | 167 | 162771 | 5.848 | ng | | 97 |
| 74) Fluoranthene | 12.39 | 202 | 1119864 | 38.456 | ng | | 98 |
| 77) Pyrene | 12.62 | 202 | 951401 | 32.145 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.80 | 228 | 356470m | 16.206 | ng | | |
| 82) Chrysene | 13.84 | 228 | 288343m | 12.968 | ng | | |
| 85) Indeno(1,2,3-cd)pyrene | 16.55 | 276 | 132141 | 8.471 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 14.82 | 252 | 387558m | 16.181 | ng | | |
| 88) Benzo(k)fluoranthene | 14.84 | 252 | 106825m | 4.778 | ng | | |
| 89) Benzo(a)pyrene | 15.16 | 252 | 304893 | 14.289 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 16.96 | 276 | 121745 | 7.798 | ng | | 99 |

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

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