Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094110.D
Acq On : 31 Mar 2017 21:43
Operator : SJ/MA
Sample : I2463-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** E2-BB-7-8-SSW

**Manual Integrations APPROVED**
mohammad
4/3/2017 3:26:27 PM

Quant Time: Apr 01 00:43:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 5.90 | 152 | 186945 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.41 | 136 | 719740 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.55 | 164 | 307930 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.37 | 188 | 453952 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.63 | 240 | 305220 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 16.26 | 264 | 300846 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.46 | 112 | 1464322 | 132.30 | ng | | 0.02 |
| 7) Phenol-d6 | 5.53 | 99 | 1875377 | 136.96 | ng | | 0.02 |
| 23) Nitrobenzene-d5 | 6.56 | 82 | 1062039 | 84.21 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.53 | 330 | 263141 | 108.14 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.73 | 172 | 1623506 | 80.42 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.36 | 244 | 835192 | 61.34 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 5.40 | 77 | 20470 | 2.21 | ng | # | 81 |
| 10) Phenol | 5.54 | 94 | 75681 | 4.86 | ng | | 88 |
| 17) 2-Methylphenol | 6.22 | 107 | 99823 | 9.58 | ng | | 99 |
| 20) 3+4-Methylphenols | 6.40 | 107 | 210960 | 16.72 | ng | # | 60 |
| 27) 2,4-Dimethylphenol | 7.02 | 122 | 296655 | 29.02 | ng | | 98 |
| 31) Naphthalene | 7.43 | 128 | 1286171 | 37.16 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.27 | 142 | 371732 | 16.11 | ng | | 98 |
| 48) Acenaphthylene | 9.37 | 152 | 114430 | 3.54 | ng | # | 95 |
| 49) Dimethylphthalate | 9.23 | 163 | 117392 | 5.36 | ng | | 99 |
| 51) Acenaphthene | 9.59 | 154 | 424981 | 22.54 | ng | | 99 |
| 54) Dibenzofuran | 9.80 | 168 | 502280 | 19.57 | ng | | 99 |
| 57) Fluorene | 10.22 | 166 | 687183 | 32.29 | ng | | 98 |
| 70) Phenanthrene | 11.42 | 178 | 3184788 | 126.12 | ng | | 100 |
| 71) Anthracene | 11.47 | 178 | 895236 | 34.43 | ng | | 99 |
| 72) Carbazole | 11.67 | 167 | 803130 | 30.12 | ng | | 98 |
| 74) Fluoranthene | 12.88 | 202 | 2165009 | 83.73 | ng | | 100 |
| 77) Pyrene | 13.16 | 202 | 2083037 | 94.04 | ng | | 99 |
| 80) Benzo(a)anthracene | 14.62 | 228 | 923379 | 51.88 | ng | | 99 |
| 82) Chrysene | 14.67 | 228 | 913555 | 55.31 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 17.62 | 276 | 363072 | 25.38 | ng | | 93 |
| 87) Benzo(b)fluoranthene | 15.86 | 252 | 1040846m | 56.44 | ng | | |
| 88) Benzo(k)fluoranthene | 15.89 | 252 | 247071m | 13.69 | ng | | |
| 89) Benzo(a)pyrene | 16.21 | 252 | 743121 | 43.76 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 17.63 | 278 | 89926m | 6.25 | ng | | |
| 91) Benzo(g,h,i)perylene | 18.02 | 276 | 328747 | 22.68 | ng | | 98 |

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

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