Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082566.D
Acq On : 28 Oct 2015 00:50
Operator : UM/IZ
Sample : G4178-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** S1-BOILERROOM2.5FTDEEP

Quant Time: Oct 28 14:47:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.71 | 152 | 86205 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.00 | 136 | 316570 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.75 | 164 | 153315 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.25 | 188 | 266570 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.89 | 240 | 166776 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.33 | 264 | 187614 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 692355 | 158.55 | ng | | 0.01 |
| 7) Phenol-d6 | 6.38 | 99 | 813500 | 142.93 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.29 | 82 | 569694 | 116.10 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 161047 | 140.28 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.07 | 172 | 992433 | 102.93 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.82 | 244 | 739655 | 127.77 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.02 | 128 | 1711724 | 118.32 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.71 | 142 | 317765 | 32.51 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.18 | 154 | 114620 | 10.05 | ng | | 98 |
| 48) Acenaphthylene | 9.61 | 152 | 146448 | 10.17 | ng | | 97 |
| 49) Dimethylphthalate | 9.49 | 163 | 269461 | 25.26 | ng | | 98 |
| 51) Acenaphthene | 9.78 | 154 | 347122 | 42.02 | ng | | 99 |
| 54) Dibenzofuran | 9.97 | 168 | 508124 | 42.16 | ng | # | 89 |
| 57) Fluorene | 10.30 | 166 | 507317 | 51.27 | ng | | 100 |
| 70) Phenanthrene | 11.28 | 178 | 3065065 | 223.42 | ng | | 95 |
| 71) Anthracene | 11.33 | 178 | 1188460 | 86.02 | ng | | 98 |
| 72) Carbazole | 11.49 | 167 | 485451 | 39.85 | ng | | 99 |
| 74) Fluoranthene | 12.47 | 202 | 2725903 | 193.57 | ng | | 97 |
| 77) Pyrene | 12.70 | 202 | 2266916 | 220.99 | ng | | 97 |
| 80) Benzo(a)anthracene | 13.89 | 228 | 1093057 | 122.25 | ng | | 96 |
| 82) Chrysene | 13.92 | 228 | 875375m | 103.64 | ng | | |
| 83) Bis(2-ethylhexyl)phthalate | 13.86 | 149 | 14810 | 2.56 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.69 | 276 | 563633 | 72.64 | ng | | 94 |
| 87) Benzo(b)fluoranthene | 14.94 | 252 | 1262501m | 113.31 | ng | | |
| 88) Benzo(k)fluoranthene | 14.95 | 252 | 254860m | 28.06 | ng | | |
| 89) Benzo(a)pyrene | 15.27 | 252 | 847953 | 87.85 | ng | # | 93 |
| 90) Dibenzo(a,h)anthracene | 16.69 | 278 | 139829m | 17.31 | ng | | |
| 91) Benzo(g,h,i)perylene | 17.10 | 276 | 508274 | 63.61 | ng | | 95 |

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

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