Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082040.D
Acq On : 4 Oct 2015 00:24
Operator : UM/IZ
Sample : G3891-09
Misc :
ALS Vial : 60 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS-9(0-2)

**Manual Integrations APPROVED**
MMDADODA
10/5/2015 6:27:34 PM

Quant Time: Oct 05 04:52:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 76740 | 20.00 | ng | | -0.05 |
| 21) Naphthalene-d8 | 8.17 | 136 | 317234 | 20.00 | ng | | -0.05 |
| 38) Acenaphthene-d10 | 9.93 | 164 | 155896 | 20.00 | ng | | -0.05 |
| 63) Phenanthrene-d10 | 11.43 | 188 | 290477 | 20.00 | ng | | -0.03 |
| 75) Chrysene-d12 | 14.07 | 240 | 238645 | 20.00 | ng | | -0.05 |
| 86) Perylene-d12 | 15.53 | 264 | 221835 | 20.00 | ng | | -0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.49 | 112 | 480363 | 113.63 | ng | | -0.03 |
| 7) Phenol-d6 | 6.51 | 99 | 641194 | 120.54 | ng | | -0.05 |
| 23) Nitrobenzene-d5 | 7.45 | 82 | 377245 | 79.27 | ng | | -0.05 |
| 41) 2,4,6-Tribromophenol | 10.73 | 330 | 163027 | 103.26 | ng | | -0.03 |
| 44) 2-Fluorobiphenyl | 9.26 | 172 | 783855 | 83.93 | ng | | -0.05 |
| 78) Terphenyl-d14 | 13.02 | 244 | 687850 | 96.75 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 37) 2-Methylnaphthalene | 8.88 | 142 | 21607 | 2.25 | ng | # | 88 |
| 49) Dimethylphthalate | 9.65 | 163 | 165088 | 15.34 | ng | # | 97 |
| 70) Phenanthrene | 11.45 | 178 | 53999 | 2.28 | ng | | 97 |
| 74) Fluoranthene | 12.64 | 202 | 82129 | 5.28 | ng | | 88 |
| 77) Pyrene | 12.87 | 202 | 73272 | 5.14 | ng | | 97 |
| 80) Benzo(a)anthracene | 14.06 | 228 | 44049 | 3.43 | ng | # | 86 |
| 82) Chrysene | 14.09 | 228 | 41398m | 3.33 | ng | | |
| 85) Indeno(1,2,3-cd)pyrene | 16.98 | 276 | 24392m | 2.43 | ng | | |
| 87) Benzo(b)fluoranthene | 15.11 | 252 | 59336m | 4.68 | ng | | |
| 88) Benzo(k)fluoranthene | 15.12 | 252 | 31415m | 2.71 | ng | | |
| 89) Benzo(a)pyrene | 15.48 | 252 | 39632 | 3.61 | ng | # | 87 |
| 91) Benzo(g,h,i)perylene | 17.42 | 276 | 27061 | 2.86 | ng | # | 80 |

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

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