Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081838.D
Acq On : 26 Sep 2015 20:27
Operator : UM/IZ
Sample : G3779-04
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** S2-20

Quant Time: Sep 28 07:50:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.94 | 152 | 120657 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.23 | 136 | 424029 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.99 | 164 | 208782 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.49 | 188 | 257279 | 20.00 | ng | | 0.01 |
| 75) Chrysene-d12 | 14.15 | 240 | 182005 | 20.00 | ng | | 0.03 |
| 86) Perylene-d12 | 15.62 | 264 | 275229 | 20.00 | ng | | 0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.54 | 112 | 888173 | 124.53 | ng | | 0.00 |
| 7) Phenol-d6 | 6.56 | 99 | 1144354 | 126.85 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.51 | 82 | 712832 | 110.92 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.78 | 330 | 217249 | 119.85 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.30 | 172 | 968376 | 76.14 | ng | | -0.01 |
| 78) Terphenyl-d14 | 13.06 | 244 | 673573 | 84.54 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 20) 3+4-Methylphenols | 7.34 | 107 | 46525 | 5.58 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 7.87 | 122 | 16632 | 2.58 | ng | # | 85 |
| 31) Naphthalene | 8.26 | 128 | 4470995 | 228.56 | ng | # | 91 |
| 37) 2-Methylnaphthalene | 8.95 | 142 | 1212256 | 86.96 | ng | # | 89 |
| 45) 1,1'-Biphenyl | 9.41 | 154 | 504687 | 30.92 | ng | | 95 |
| 48) Acenaphthylene | 9.84 | 152 | 357081 | 16.07 | ng | # | 94 |
| 49) Dimethylphthalate | 9.70 | 163 | 299875 | 18.88 | ng | # | 97 |
| 51) Acenaphthene | 10.02 | 154 | 1252911 | 97.83 | ng | # | 88 |
| 54) Dibenzofuran | 10.19 | 168 | 1841506 | 98.02 | ng | # | 83 |
| 57) Fluorene | 10.54 | 166 | 1352151 | 93.79 | ng | | 91 |
| 59) Diethylphthalate | 10.40 | 149 | 74726 | 4.86 | ng | | 99 |
| 70) Phenanthrene | 11.54 | 178 | 8436437m | 573.55 | ng | | |
| 71) Anthracene | 11.58 | 178 | 2578781m | 181.94 | ng | | |
| 72) Carbazole | 11.73 | 167 | 2847665 | 216.42 | ng | # | 90 |
| 74) Fluoranthene | 12.73 | 202 | 9407962 | 634.74 | ng | | 85 |
| 77) Pyrene | 12.97 | 202 | 7701907 | 561.29 | ng | # | 85 |
| 80) Benzo(a)anthracene | 14.14 | 228 | 5651419 | 512.08 | ng | # | 87 |
| 82) Chrysene | 14.18 | 228 | 2899682 | 273.96 | ng | # | 83 |
| 85) Indeno(1,2,3-cd)pyrene | 17.14 | 276 | 2813082 | 290.31 | ng | # | 83 |
| 87) Benzo(b)fluoranthene | 15.21 | 252 | 6656300m | 407.83 | ng | | |
| 88) Benzo(k)fluoranthene | 15.24 | 252 | 1054179m | 67.05 | ng | | |
| 89) Benzo(a)pyrene | 15.59 | 252 | 3537584 | 240.06 | ng | # | 82 |
| 90) Dibenzo(a,h)anthracene | 17.14 | 278 | 755728 | 49.21 | ng | # | 77 |
| 91) Benzo(g,h,i)perylene | 17.59 | 276 | 2483669 | 156.87 | ng | # | 75 |

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

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