Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100992.D
Acq On : 29 Nov 2017 21:38
Operator : SJ/JU
Sample : I6610-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-10(8-10)-20171127

**Manual Integrations APPROVED**
Sohil
11/30/2017 4:30:11 PM

Quant Time: Nov 30 07:13:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 56333 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 208013 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.89 | 164 | 85346 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.38 | 188 | 143527 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.03 | 240 | 116057 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.50 | 264 | 91138 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.47 | 112 | 370894 | 105.54 | ng | | 0.00 |
| 7) Phenol-d6 | 6.49 | 99 | 439897 | 101.51 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 256063 | 81.39 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.68 | 330 | 93163 | 107.12 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.21 | 172 | 491990 | 87.78 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.96 | 244 | 396001 | 78.40 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.50 | 94 | 13999 | 3.077 | ng | | 78 |
| 31) Naphthalene | 8.16 | 128 | 75006 | 7.486 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.85 | 142 | 50126 | 7.536 | ng | | 98 |
| 48) Acenaphthylene | 9.75 | 152 | 36918 | 4.160 | ng | | 96 |
| 49) Dimethylphthalate | 9.60 | 163 | 33696 | 5.171 | ng | # | 98 |
| 51) Acenaphthene | 9.92 | 154 | 65057 | 12.054 | ng | | 99 |
| 54) Dibenzofuran | 10.10 | 168 | 57750 | 7.634 | ng | | 97 |
| 57) Fluorene | 10.44 | 166 | 87956 | 15.872 | ng | | 100 |
| 70) Phenanthrene | 11.41 | 178 | 681263 | 90.151 | ng | | 98 |
| 71) Anthracene | 11.46 | 178 | 202923 | 26.467 | ng | | 98 |
| 72) Carbazole | 11.61 | 167 | 51653 | 7.302 | ng | | 99 |
| 74) Fluoranthene | 12.60 | 202 | 787859 | 98.373 | ng | | 96 |
| 77) Pyrene | 12.83 | 202 | 701771 | 84.827 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.43 | 149 | 8580 | 2.543 | ng | # | 95 |
| 80) Benzo(a)anthracene | 14.02 | 228 | 359728 | 51.471 | ng | | 99 |
| 82) Chrysene | 14.05 | 228 | 292859 | 43.272 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 13.98 | 149 | 33462 | 7.541 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 16.98 | 276 | 122309 | 22.343 | ng | # | 90 |
| 87) Benzo(b)fluoranthene | 15.07 | 252 | 306944m | 56.847 | ng | | |
| 88) Benzo(k)fluoranthene | 15.10 | 252 | 107398m | 21.051 | ng | | |
| 89) Benzo(a)pyrene | 15.44 | 252 | 217023 | 45.338 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 16.99 | 278 | 32870m | 8.397 | ng | | |
| 91) Benzo(g,h,i)perylene | 17.43 | 276 | 115765 | 30.210 | ng | # | 91 |

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

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