Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089011.D
Acq On : 15 Jul 2016 3:50
Operator : UM/SJ
Sample : H3972-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** LSS-SS-SS02(0-2in)

Sohil
7/15/2016 9:16:48 AM

Quant Time: Jul 15 04:27:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.68 | 152 | 45461 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 7.98 | 136 | 186521 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.72 | 164 | 75790 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.20 | 188 | 138041 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.83 | 240 | 85138 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.21 | 264 | 70669 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.29 | 112 | 320263 | 105.58 | ng | | 0.00 |
| 7) Phenol-d6 | 6.35 | 99 | 424385 | 108.28 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.26 | 82 | 240335 | 67.52 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.51 | 330 | 66524 | 94.52 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.05 | 172 | 354339 | 73.85 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.79 | 244 | 286375 | 74.92 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.00 | 128 | 67719 | 7.36 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.68 | 142 | 22686 | 3.83 | ng | # | 94 |
| 48) Acenaphthylene | 9.59 | 152 | 241938 | 30.86 | ng | | 99 |
| 49) Dimethylphthalate | 9.45 | 163 | 87593 | 16.22 | ng | | 99 |
| 51) Acenaphthene | 9.75 | 154 | 10664 | 2.22 | ng | | 95 |
| 54) Dibenzofuran | 9.93 | 168 | 18370 | 2.92 | ng | # | 88 |
| 57) Fluorene | 10.26 | 166 | 29048m | 5.99 | ng | | |
| 69) Pentachlorophenol | 11.02 | 266 | 4570 | 5.01 | ng | | 99 |
| 70) Phenanthrene | 11.22 | 178 | 225411 | 29.87 | ng | | 99 |
| 71) Anthracene | 11.28 | 178 | 145215 | 19.35 | ng | | 97 |
| 72) Carbazole | 11.43 | 167 | 34401 | 4.87 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.77 | 149 | 36484 | 4.44 | ng | # | 96 |
| 74) Fluoranthene | 12.41 | 202 | 437257 | 57.16 | ng | | 100 |
| 77) Pyrene | 12.64 | 202 | 507592 | 70.32 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.26 | 149 | 22202 | 6.90 | ng | # | 66 |
| 80) Benzo(a)anthracene | 13.82 | 228 | 268878 | 49.05 | ng | # | 78 |
| 82) Chrysene | 13.85 | 228 | 198414m | 36.58 | ng | | |
| 83) Bis(2-ethylhexyl)phthalate | 13.83 | 149 | 32313 | 8.79 | ng | # | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 16.50 | 276 | 167427 | 40.12 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 14.83 | 252 | 348932m | 78.71 | ng | | |
| 88) Benzo(k)fluoranthene | 14.85 | 252 | 87736m | 22.73 | ng | | |
| 89) Benzo(a)pyrene | 15.15 | 252 | 240948 | 64.19 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.50 | 278 | 49714 | 15.86 | ng | # | 88 |
| 91) Benzo(g,h,i)perylene | 16.89 | 276 | 162648 | 50.15 | ng | | 99 |

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

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