Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111330.D
Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-2(12.5-14.5)

**Manual Integrations APPROVED**
Sohil
12/13/2018 6:06:13 PM

Quant Time: Dec 13 03:31:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 274375 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 943443 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.83 | 164 | 387244 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.32 | 188 | 549693 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.99 | 240 | 204219 | 20.00 | ng | | 0.04 |
| 87) Perylene-d12 | 15.45 | 264 | 212729 | 20.00 | ng | | 0.06 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.41 | 112 | 1918459 | 118.24 | ng | | 0.00 |
| 7) Phenol-d6 | 6.43 | 99 | 2483700 | 113.53 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 1467057 | 87.65 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.62 | 330 | 340438 | 99.73 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.15 | 172 | 2092439 | 86.75 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.92 | 244 | 927493 | 99.96 | ng | | 0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.44 | 94 | 188024 | 7.587 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.89 | 142 | 1031458 | 36.300 | ng | | 97 |
| 38) 1-Methylnaphthalene | 8.89 | 142 | 1031458 | 37.611 | ng | | 100 |
| 46) 1,1'-Biphenyl | 9.25 | 154 | 172000 | 5.206 | ng | | 95 |
| 49) Acenaphthylene | 9.69 | 152 | 131743 | 3.564 | ng | # | 92 |
| 50) Dimethylphthalate | 9.54 | 163 | 245045 | 8.800 | ng | # | 98 |
| 52) Acenaphthene | 9.86 | 154 | 110216 | 4.727 | ng | | 96 |
| 55) Dibenzofuran | 10.03 | 168 | 281502 | 8.363 | ng | # | 93 |
| 58) Fluorene | 10.37 | 166 | 283878 | 11.789 | ng | # | 98 |
| 71) Phenanthrene | 11.34 | 178 | 1036630 | 36.485 | ng | | 96 |
| 72) Anthracene | 11.39 | 178 | 363378 | 12.560 | ng | | 95 |
| 73) Carbazole | 11.54 | 167 | 63832 | 2.134 | ng | # | 65 |
| 74) Di-n-butylphthalate | 11.89 | 149 | 104515 | 3.069 | ng | # | 84 |
| 75) Fluoranthene | 12.55 | 202 | 658160 | 23.729 | ng | | 98 |
| 78) Pyrene | 12.77 | 202 | 744523 | 47.238 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.40 | 149 | 138729 | 18.332 | ng | # | 80 |
| 81) Benzo(a)anthracene | 13.98 | 228 | 222186 | 19.445 | ng | # | 91 |
| 83) Chrysene | 14.02 | 228 | 176692 | 15.157 | ng | # | 89 |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149 | 181021 | 19.567 | ng | # | 88 |
| 86) Indeno(1,2,3-cd)pyrene | 16.87 | 276 | 108093 | 11.855 | ng | | 94 |
| 88) Benzo(b)fluoranthene | 15.03 | 252 | 170671m | 14.109 | ng | | |
| 89) Benzo(k)fluoranthene | 15.04 | 252 | 54613m | 4.523 | ng | | |
| 90) Benzo(a)pyrene | 15.33 | 252 | 116402m | 10.335 | ng | | |
| 92) Benzo(g,h,i)perylene | 17.30 | 276 | 148646 | 15.866 | ng | # | 86 |

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

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