Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111837.D
Acq On : 3 Jan 2019 22:38
Operator : JU/SJ
Sample : K1016-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-010219

**Manual Integrations APPROVED**
Sohil
1/4/2019 9:56:51 AM

Quant Time: Jan 04 03:58:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 251152 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.19 | 136 | 945800 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.94 | 164 | 426760 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.43 | 188 | 617242 | 20.00 | ng | | 0.01 |
| 76) Chrysene-d12 | 14.07 | 240 | 485027 | 20.00 | ng | | 0.02 |
| 87) Perylene-d12 | 15.56 | 264 | 326874 | 20.00 | ng | | 0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.53 | 112 | 590100 | 40.05 | ng | | 0.01 |
| 7) Phenol-d6 | 6.54 | 99 | 794060 | 42.35 | ng | | 0.02 |
| 23) Nitrobenzene-d5 | 7.46 | 82 | 469766 | 28.91 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.73 | 330 | 145676 | 28.89 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.26 | 172 | 922323 | 31.50 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.02 | 244 | 672709 | 26.30 | ng | | 0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.20 | 128 | 145409 | 3.200 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.90 | 142 | 70398 | 2.381 | ng | | 98 |
| 38) 1-Methylnaphthalene | 9.00 | 142 | 64709 | 2.279 | ng | | 99 |
| 49) Acenaphthylene | 9.80 | 152 | 83851 | 2.012 | ng | | 96 |
| 50) Dimethylphthalate | 9.65 | 163 | 128761 | 4.126 | ng | | 96 |
| 52) Acenaphthene | 9.97 | 154 | 66457 | 2.586 | ng | | 93 |
| 55) Dibenzofuran | 10.15 | 168 | 79303 | 2.042 | ng | | 95 |
| 58) Fluorene | 10.49 | 166 | 137606 | 4.918 | ng | | 100 |
| 71) Phenanthrene | 11.45 | 178 | 914116 | 27.925 | ng | | 95 |
| 72) Anthracene | 11.50 | 178 | 208579 | 6.348 | ng | | 94 |
| 73) Carbazole | 11.66 | 167 | 84926 | 2.662 | ng | | 95 |
| 75) Fluoranthene | 12.65 | 202 | 1158229 | 34.941 | ng | | 97 |
| 78) Pyrene | 12.89 | 202 | 1246900 | 36.404 | ng | | 96 |
| 81) Benzo(a)anthracene | 14.06 | 228 | 525224 | 18.975 | ng | | 96 |
| 83) Chrysene | 14.10 | 228 | 558152 | 20.516 | ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 17.06 | 276 | 192280 | 8.314 | ng | # | 84 |
| 88) Benzo(b)fluoranthene | 15.12 | 252 | 475442m | 24.887 | ng | | |
| 89) Benzo(k)fluoranthene | 15.14 | 252 | 142798m | 7.851 | ng | | |
| 90) Benzo(a)pyrene | 15.49 | 252 | 341615m | 19.683 | ng | | |
| 91) Dibenzo(a,h)anthracene | 17.07 | 278 | 50431m | 3.318 | ng | | |
| 92) Benzo(g,h,i)perylene | 17.52 | 276 | 191888 | 12.930 | ng | # | 89 |

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

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