Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
Data File : BF118164.D
Acq On : 10 Dec 2019 13:46
Operator : JU
Sample : K6111-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CL-01-120619

**Manual Integrations APPROVED**
mohammad
12/11/2019 12:31:37 PM

Quant Time: Dec 10 15:39:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.87 | 152 | 93889 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.16 | 136 | 383748 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.92 | 164 | 195847 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.41 | 188 | 336175 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.07 | 240 | 254783 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.57 | 264 | 237343 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.48 | 112 | 295286 | 55.08 | ng | | 0.00 |
| 7) Phenol-d6 | 6.49 | 99 | 370882 | 57.20 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.43 | 82 | 219453 | 32.17 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.71 | 330 | 116588 | 49.00 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.23 | 172 | 462951 | 35.97 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.00 | 244 | 480042 | 32.40 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.51 | 94 | 24232 | 3.277 | ng | | 96 |
| 31) Naphthalene | 8.17 | 128 | 109645 | 5.689 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.87 | 142 | 50946 | 3.905 | ng | | 97 |
| 38) 1-Methylnaphthalene | 8.97 | 142 | 40868 | 3.336 | ng | | 94 |
| 49) Acenaphthylene | 9.77 | 152 | 54200 | 2.958 | ng | | 96 |
| 50) Dimethylphthalate | 9.63 | 163 | 38888 | 2.688 | ng | | 97 |
| 52) Acenaphthene | 9.95 | 154 | 88363 | 7.900 | ng | | 98 |
| 55) Dibenzofuran | 10.12 | 168 | 123454 | 7.532 | ng | | 97 |
| 58) Fluorene | 10.47 | 166 | 189045 | 14.514 | ng | | 99 |
| 71) Phenanthrene | 11.44 | 178 | 1202513 | 67.290 | ng | | 100 |
| 72) Anthracene | 11.49 | 178 | 392337 | 22.008 | ng | | 99 |
| 73) Carbazole | 11.64 | 167 | 99168 | 6.200 | ng | | 99 |
| 75) Fluoranthene | 12.64 | 202 | 1442380 | 78.944 | ng | | 99 |
| 78) Pyrene | 12.87 | 202 | 1272436 | 63.375 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.06 | 228 | 733431 | 41.631 | ng | | 96 |
| 83) Chrysene | 14.09 | 228 | 604412m | 35.916 | ng | | |
| 86) Indeno(1,2,3-cd)pyrene | 17.08 | 276 | 243818 | 17.219 | ng | | 95 |
| 88) Benzo(b)fluoranthene | 15.13 | 252 | 759036m | 48.355 | ng | | |
| 89) Benzo(k)fluoranthene | 15.15 | 252 | 234148m | 15.527 | ng | | |
| 90) Benzo(a)pyrene | 15.50 | 252 | 530881 | 38.293 | ng | | 96 |
| 91) Dibenzo(a,h)anthracene | 17.09 | 278 | 64644 | 5.436 | ng | # | 86 |
| 92) Benzo(g,h,i)perylene | 17.54 | 276 | 220179 | 19.269 | ng | | 96 |

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

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