Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135867.D
Acq On : 19 Oct 2023 01:29
Operator : CG\JU
Sample : 04767-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 19 02:12:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
E-1(0-5)

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.734 | 152 | 100328 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.016 | 136 | 367442 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.775 | 164 | 174224 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.269 | 188 | 274505 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 13.939 | 240 | 184799 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 15.421 | 264 | 194135 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.375 | 112 | 518980 | 83.166 | ng | | 0.00 |
| 7) Phenol-d6 | 6.393 | 99 | 638672 | 82.027 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.304 | 82 | 391422 | 58.589 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.575 | 330 | 128485 | 76.853 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.092 | 172 | 672581 | 60.358 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.869 | 244 | 518593 | 51.969 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 31) Naphthalene | 8.039 | 128 | 146546 | 8.177 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.734 | 142 | 33605 | 2.846 | ng | | 93 |
| 38) 1-Methylnaphthalene | 8.828 | 142 | 74470 | 6.838 | ng | | 99 |
| 49) Acenaphthylene | 9.633 | 152 | 179883 | 11.301 | ng | | 97 |
| 52) Acenaphthene | 9.804 | 154 | 67878 | 7.115 | ng | | 99 |
| 55) Dibenzofuran | 9.981 | 168 | 149701 | 10.399 | ng | # | 98 |
| 58) Fluorene | 10.328 | 166 | 73038 | 6.481 | ng | | 97 |
| 71) Phenanthrene | 11.298 | 178 | 1030730 | 78.382 | ng | | 99 |
| 72) Anthracene | 11.351 | 178 | 419577 | 30.791 | ng | | 99 |
| 73) Carbazole | 11.516 | 167 | 58786 | 4.626 | ng | | 99 |
| 75) Fluoranthene | 12.504 | 202 | 1179383 | 80.808 | ng | | 98 |
| 78) Pyrene | 12.733 | 202 | 1176873 | 80.141 | ng | | 100 |
| 81) Benzo(a)anthracene | 13.933 | 228 | 605322 | 49.869 | ng | | 96 |
| 83) Chrysene | 13.969 | 228 | 518803m | 44.128 | ng | | |
| 87) Indeno(1,2,3-cd)pyrene | 16.927 | 276 | 161408 | 15.259 | ng | # | 93 |
| 88) Benzo(b)fluoranthene | 14.992 | 252 | 566939m | 52.180 | ng | | |
| 89) Benzo(k)fluoranthene | 15.015 | 252 | 175634m | 16.650 | ng | | |
| 90) Benzo(a)pyrene | 15.363 | 252 | 414370 | 40.558 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 16.927 | 278 | 46138m | 5.321 | ng | | |
| 92) Benzo(g,h,i)perylene | 17.386 | 276 | 142473 | 15.995 | ng | | 98 |

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

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