Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135895.D
Acq On : 19 Oct 2023 19:49
Operator : CG\JU
Sample : 04704-04DL 25X
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
R-3(10-15)DL

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 10/20/2023
Supervised By :mohammad ahmed 10/20/2023

Quant Time: Oct 20 02:04:04 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

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.734 | 152 | 58049 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.016 | 136 | 203534 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.774 | 164 | 88532 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.269 | 188 | 147628 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 13.939 | 240 | 116014 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 15.415 | 264 | 97445 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.416 | 112 | 12120 | 3.357 | ng | | 0.04 |
| 7) Phenol-d6 | 6.434 | 99 | 16439 | 3.649 | ng | | 0.04 |
| 23) Nitrobenzene-d5 | 7.322 | 82 | 9081 | 2.454 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.580 | 330 | 2727 | 3.210 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.092 | 172 | 19995 | 3.531 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.863 | 244 | 18744 | 2.992 | ng | | -0.02 |
| Target Compounds | | | | | | | Qvalue |
| 31) Naphthalene | 8.033 | 128 | 134577 | 13.556 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.727 | 142 | 48922 | 7.480 | ng | | 96 |
| 38) 1-Methylnaphthalene | 8.827 | 142 | 104626 | 17.343 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.192 | 154 | 20700 | 3.052 | ng | | 98 |
| 49) Acenaphthylene | 9.633 | 152 | 58414 | 7.222 | ng | # | 95 |
| 52) Acenaphthene | 9.804 | 154 | 15120 | 3.119 | ng | | 96 |
| 58) Fluorene | 10.322 | 166 | 65023 | 11.354 | ng | | 96 |
| 71) Phenanthrene | 11.292 | 178 | 294717 | 41.673 | ng | | 100 |
| 72) Anthracene | 11.345 | 178 | 54461 | 7.432 | ng | | 98 |
| 75) Fluoranthene | 12.492 | 202 | 178245 | 22.709 | ng | | 97 |
| 78) Pyrene | 12.727 | 202 | 281350 | 30.518 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.927 | 228 | 105384 | 13.829 | ng | | 97 |
| 83) Chrysene | 13.962 | 228 | 93815 | 12.711 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 16.927 | 276 | 25579 | 4.818 | ng | | 95 |
| 88) Benzo(b)fluoranthene | 14.986 | 252 | 60772m | 11.143 | ng | | |
| 89) Benzo(k)fluoranthene | 15.004 | 252 | 19610m | 3.704 | ng | | |
| 90) Benzo(a)pyrene | 15.356 | 252 | 61610 | 12.014 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.386 | 276 | 27342 | 6.115 | ng | # | 89 |

10/20/2023
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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