Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132747.D
Acq On : 10 Mar 2023 18:11
Operator : CG\JU
Sample : 01846-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 11 03:04:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 16:26:19 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
TP-4

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.981 | 152 | 220064 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.263 | 136 | 877910 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 10.022 | 164 | 468920 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.521 | 188 | 804696 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.186 | 240 | 391117 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.727 | 264 | 506794 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.616 | 112 | 1464368 | 107.997 | ng | 0.00 |
| 7) Phenol-d6 | 6.610 | 99 | 1820857 | 102.896 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.545 | 82 | 1185332 | 64.058 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.822 | 330 | 475655 | 93.926 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.339 | 172 | 1969747 | 63.961 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.115 | 244 | 1690749 | 73.089 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 31) Naphthalene | 8.286 | 128 | 497336 | 11.066 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.975 | 142 | 225452 | 7.361 | ng | 99 |
| 38) 1-Methylnaphthalene | 9.075 | 142 | 148766 | 5.197 | ng | 98 |
| 52) Acenaphthene | 10.057 | 154 | 383945 | 13.501 | ng | 100 |
| 55) Dibenzofuran | 10.227 | 168 | 609306 | 14.697 | ng | 97 |
| 58) Fluorene | 10.574 | 166 | 536265 | 16.911 | ng | 99 |
| 71) Phenanthrene | 11.557 | 178 | 3809188 | 91.376 | ng | 99 |
| 72) Anthracene | 11.604 | 178 | 1353596 | 31.532 | ng | 100 |
| 73) Carbazole | 11.751 | 167 | 577354 | 14.917 | ng | 100 |
| 75) Fluoranthene | 12.751 | 202 | 3285118 | 72.085 | ng | 97 |
| 78) Pyrene | 12.986 | 202 | 2692545 | 75.720 | ng | 99 |
| 81) Benzo(a)anthracene | 14.174 | 228 | 1451780 | 49.609 | ng | 98 |
| 83) Chrysene | 14.210 | 228 | 1145296 | 41.852 | ng | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 17.315 | 276 | 396929 | 11.953 | ng | 98 |
| 88) Benzo(b)fluoranthene | 15.268 | 252 | 1257759m | 37.033 | ng | |
| 89) Benzo(k)fluoranthene | 15.298 | 252 | 478564m | 14.398 | ng | |
| 90) Benzo(a)pyrene | 15.662 | 252 | 918269 | 28.889 | ng | 97 |
| 91) Dibenzo(a,h)anthracene | 17.321 | 278 | 135711 | 5.016 | ng | 96 |
| 92) Benzo(g,h,i)perylene | 17.798 | 276 | 316368 | 11.613 | ng | 99 |

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

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