Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
Data File : BF130888.D
Acq On : 31 Oct 2022 19:53
Operator : CG\JU
Sample : N5337-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-03-COMP

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 11/01/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Quant Time: Nov 01 02:31:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 05:41:34 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.939 | 152 | 81625 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.227 | 136 | 296055 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.986 | 164 | 140013 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 217307 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.139 | 240 | 154809 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.656 | 264 | 116155 | 20.000 | ng | 0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.557 | 112 | 427089 | 90.708 | ng | 0.00 |
| 7) Phenol-d6 | 6.557 | 99 | 590010 | 96.430 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.504 | 82 | 388751 | 79.179 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.780 | 330 | 86630 | 73.501 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.304 | 172 | 661233 | 71.401 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.074 | 244 | 564872 | 66.863 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 31) Naphthalene | 8.245 | 128 | 108351 | 7.015 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.939 | 142 | 45312 | 4.664 | ng | 98 |
| 38) 1-Methylnaphthalene | 9.039 | 142 | 30106 | 3.184 | ng | 99 |
| 52) Acenaphthene | 10.021 | 154 | 181930 | 23.277 | ng | 97 |
| 55) Dibenzofuran | 10.192 | 168 | 149767 | 13.220 | ng | 99 |
| 58) Fluorene | 10.539 | 166 | 179776 | 20.153 | ng | 97 |
| 71) Phenanthrene | 11.515 | 178 | 1683275 | 150.079 | ng | 100 |
| 72) Anthracene | 11.562 | 178 | 531665 | 48.060 | ng | 100 |
| 73) Carbazole | 11.710 | 167 | 216705 | 21.874 | ng | 99 |
| 75) Fluoranthene | 12.715 | 202 | 1997720 | 167.639 | ng | 98 |
| 78) Pyrene | 12.945 | 202 | 1738232 | 133.087 | ng | 100 |
| 81) Benzo(a)anthracene | 14.127 | 228 | 881913 | 85.924 | ng | 97 |
| 83) Chrysene | 14.168 | 228 | 705171 | 71.227 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.203 | 276 | 234491m | 30.400 | ng | |
| 88) Benzo(b)fluoranthene | 15.209 | 252 | 686919m | 91.484 | ng | |
| 89) Benzo(k)fluoranthene | 15.233 | 252 | 206088m | 28.167 | ng | |
| 90) Benzo(a)pyrene | 15.592 | 252 | 455878 | 75.526 | ng | 97 |
| 91) Dibenzo(a,h)anthracene | 17.215 | 278 | 58049m | 9.232 | ng | |
| 92) Benzo(g,h,i)perylene | 17.674 | 276 | 228803 | 35.666 | ng | 99 |

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

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