Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133715.D
Acq On : 12 Jun 2023 21:15
Operator : CG\JU
Sample : 03044-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-07-0-2.0

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 12 22:12:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 16:32:43 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.834 | 152 | 69581 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.116 | 136 | 243096 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.875 | 164 | 105904 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.363 | 188 | 206298 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.015 | 240 | 109902 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.480 | 264 | 94355 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.440 | 112 | 297460 | 74.424 | ng | | 0.00 |
| 7) Phenol-d6 | 6.457 | 99 | 345107 | 66.334 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.392 | 82 | 219700 | 49.225 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.663 | 330 | 84019 | 62.675 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.192 | 172 | 388583 | 52.158 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.951 | 244 | 383410 | 53.982 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 31) Naphthalene | 8.139 | 128 | 77903 | 6.578 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.828 | 142 | 41021 | 4.985 | ng | | 94 |
| 38) 1-Methylnaphthalene | 8.928 | 142 | 38270 | 5.054 | ng | | 97 |
| 49) Acenaphthylene | 9.733 | 152 | 29839 | 2.798 | ng | # | 97 |
| 52) Acenaphthene | 9.904 | 154 | 116260 | 18.626 | ng | | 99 |
| 55) Dibenzofuran | 10.075 | 168 | 127376 | 13.374 | ng | | 93 |
| 58) Fluorene | 10.422 | 166 | 158813 | 21.804 | ng | | 100 |
| 71) Phenanthrene | 11.398 | 178 | 1556020 | 148.666 | ng | | 99 |
| 72) Anthracene | 11.439 | 178 | 420397 | 38.521 | ng | | 100 |
| 73) Carbazole | 11.592 | 167 | 116742 | 11.485 | ng | | 98 |
| 75) Fluoranthene | 12.592 | 202 | 1645266 | 148.026 | ng | | 99 |
| 78) Pyrene | 12.821 | 202 | 1411084 | 137.831 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.004 | 228 | 546093 | 71.836 | ng | | 96 |
| 83) Chrysene | 14.039 | 228 | 438452 | 60.980 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 16.951 | 276 | 161342 | 24.855 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 15.057 | 252 | 433533m | 75.638 | ng | | |
| 89) Benzo(k)fluoranthene | 15.080 | 252 | 117113m | 20.976 | ng | | |
| 90) Benzo(a)pyrene | 15.421 | 252 | 301080 | 56.600 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 16.956 | 278 | 40581 | 7.551 | ng | # | 79 |
| 92) Benzo(g,h,i)perylene | 17.404 | 276 | 142079 | 26.665 | ng | | 99 |

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

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