Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135739.D
Acq On : 12 Oct 2023 17:31
Operator : CG\JU
Sample : 04657-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
U-1(0-2IN)

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

Quant Time: Oct 13 00:56:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.739 | 152 | 89054 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.016 | 136 | 333139 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.774 | 164 | 154352 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.269 | 188 | 248572 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 13.933 | 240 | 164093 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.409 | 264 | 145791 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.375 | 112 | 495226 | 90.446 | ng | 0.00 |
| 7) Phenol-d6 | 6.392 | 99 | 622343 | 89.388 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.304 | 82 | 373033 | 60.835 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.574 | 330 | 117174 | 76.390 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.092 | 172 | 586560 | 57.334 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.863 | 244 | 390027 | 36.846 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 31) Naphthalene | 8.039 | 128 | 53779 | 3.323 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.733 | 142 | 25173 | 2.314 | ng | 96 |
| 38) 1-Methylnaphthalene | 8.833 | 142 | 25813 | 2.534 | ng | 95 |
| 49) Acenaphthylene | 9.639 | 152 | 52047 | 3.639 | ng | 98 |
| 52) Acenaphthene | 9.810 | 154 | 17972 | 2.127 | ng | 93 |
| 55) Dibenzofuran | 9.986 | 168 | 50230 | 3.896 | ng | 98 |
| 58) Fluorene | 10.327 | 166 | 88082 | 8.886 | ng | 99 |
| 71) Phenanthrene | 11.298 | 178 | 609014 | 51.803 | ng | 100 |
| 72) Anthracene | 11.345 | 178 | 137299 | 11.362 | ng | 99 |
| 73) Carbazole | 11.516 | 167 | 47425 | 4.311 | ng | 99 |
| 75) Fluoranthene | 12.498 | 202 | 623708 | 50.915 | ng | 98 |
| 78) Pyrene | 12.727 | 202 | 566273 | 36.246 | ng | 100 |
| 81) Benzo(a)anthracene | 13.921 | 228 | 288366 | 27.215 | ng | 98 |
| 83) Chrysene | 13.962 | 228 | 243842 | 23.146 | ng | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 16.903 | 276 | 76997 | 8.055 | ng | 97 |
| 88) Benzo(b)fluoranthene | 14.980 | 252 | 224240m | 28.413 | ng | |
| 89) Benzo(k)fluoranthene | 15.004 | 252 | 75196m | 9.645 | ng | |
| 90) Benzo(a)pyrene | 15.345 | 252 | 160796 | 21.365 | ng | 97 |
| 91) Dibenzo(a,h)anthracene | 16.903 | 278 | 22172m | 2.835 | ng | |
| 92) Benzo(g,h,i)perylene | 17.356 | 276 | 68374 | 8.371 | ng | 100 |

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

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