Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
Data File : BF123964.D
Acq On : 17 May 2021 15:35
Operator : JU/CG
Sample : M2383-01DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
KSB-01(6-8)DL

**Manual Integrations APPROVED**
mohammad
5/19/2021 11:37:02 AM

Quant Time: May 17 16:02:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.904 | 152 | 39978 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.186 | 136 | 156149 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.939 | 164 | 87074 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.427 | 188 | 165749 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.068 | 240 | 131565 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.562 | 264 | 126081 | 20.00 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.504 | 112 | 11349 | 3.99 | ng | | 0.00 |
| 7) Phenol-d6 | 6.510 | 99 | 15339 | 4.15 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.457 | 82 | 10341 | 2.85 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.727 | 330 | 3770 | 3.60 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.257 | 172 | 19486 | 2.75 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.010 | 244 | 24253 | 2.79 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 38) 1-Methylnaphthalene | 8.998 | 142 | 34583 | 5.92 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.363 | 154 | 21038 | 2.74 | ng | | 98 |
| 49) Acenaphthylene | 9.804 | 152 | 67545 | 7.50 | ng | | 95 |
| 52) Acenaphthene | 9.974 | 154 | 43989 | 7.14 | ng | | 96 |
| 55) Dibenzofuran | 10.145 | 168 | 86162 | 9.74 | ng | | 96 |
| 58) Fluorene | 10.486 | 166 | 96429 | 14.46 | ng | | 90 |
| 71) Phenanthrene | 11.457 | 178 | 538129 | 51.23 | ng | | 99 |
| 72) Anthracene | 11.504 | 178 | 122173 | 11.48 | ng | | 97 |
| 73) Carbazole | 11.651 | 167 | 22833 | 2.45 | ng | | 99 |
| 75) Fluoranthene | 12.645 | 202 | 354964 | 32.63 | ng | | 99 |
| 78) Pyrene | 12.874 | 202 | 277589 | 23.77 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.062 | 228 | 123360m | 12.96 | ng | | |
| 83) Chrysene | 14.098 | 228 | 94149 | 10.29 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.056 | 276 | 42286 | 4.34 | ng | | 95 |
| 88) Benzo(b)fluoranthene | 15.121 | 252 | 99671m | 10.22 | ng | | |
| 89) Benzo(k)fluoranthene | 15.151 | 252 | 37780m | 4.25 | ng | | |
| 90) Benzo(a)pyrene | 15.498 | 252 | 85596 | 10.15 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.509 | 276 | 38355 | 4.66 | ng | # | 92 |

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

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