Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
Sample : 03932-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
NEVINS-SB-01-Z20-22

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

Quant Time: Aug 10 01:43:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.810 | 152 | 160855 | 20.000 | ng | 0.01 |
| 21) Naphthalene-d8 | 8.104 | 136 | 180331m | 20.000 | ng | 0.02 |
| 39) Acenaphthene-d10 | 9.863 | 164 | 237986 | 20.000 | ng | 0.03 |
| 64) Phenanthrene-d10 | 11.357 | 188 | 287244 | 20.000 | ng | # 0.04 |
| 76) Chrysene-d12 | 14.027 | 240 | 214463 | 20.000 | ng | # 0.05 |
| 86) Perylene-d12 | 15.480 | 264 | 274824 | 20.000 | ng | # 0.04 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.434 | 112 | 798455 | 75.455 | ng | 0.00 |
| 7) Phenol-d6 | 6.445 | 99 | 1010385 | 74.695 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.381 | 82 | 432538m | 149.894 | ng | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.663 | 330 | 178667 | 73.645 | ng | 0.04 |
| 45) 2-Fluorobiphenyl | 9.180 | 172 | 896683 | 62.647 | ng | 0.02 |
| 79) Terphenyl-d14 | 12.951 | 244 | 804837 | 66.157 | ng | 0.03 |
| Target Compounds | | | | | | Qvalue |
| 31) Naphthalene | 8.216 | 128 | 32871516 | 3626.962 | ng | # 85 |
| 37) 2-Methylnaphthalene | 8.886 | 142 | 12905326 | 2148.250 | ng | 97 |
| 38) 1-Methylnaphthalene | 8.980 | 142 | 8520929m | 1525.352 | ng | |
| 46) 1,1'-Biphenyl | 9.292 | 154 | 2889285 | 156.123 | ng | 97 |
| 49) Acenaphthylene | 9.733 | 152 | 1388896 | 63.719 | ng | # 88 |
| 52) Acenaphthene | 9.939 | 154 | 6258292 | 443.043 | ng | 98 |
| 55) Dibenzofuran | 10.086 | 168 | 736898 | 36.646 | ng | # 90 |
| 58) Fluorene | 10.439 | 166 | 3808034 | 259.990 | ng | 94 |
| 71) Phenanthrene | 11.433 | 178 | 11386952 | 746.331 | ng | 94 |
| 72) Anthracene | 11.474 | 178 | 4468564m | 286.731 | ng | |
| 73) Carbazole | 11.592 | 167 | 338520 | 24.328 | ng | # 79 |
| 75) Fluoranthene | 12.610 | 202 | 5133963 | 318.555 | ng | 97 |
| 78) Pyrene | 12.845 | 202 | 7421253m | 399.899 | ng | |
| 81) Benzo(a)anthracene | 14.015 | 228 | 4609466 | 300.582 | ng | # 83 |
| 83) Chrysene | 14.057 | 228 | 3920748m | 262.425 | ng | |
| 87) Indeno(1,2,3-cd)pyrene | 16.986 | 276 | 999154 | 61.817 | ng | # 94 |
| 88) Benzo(b)fluoranthene | 15.062 | 252 | 3029117m | 180.722 | ng | |
| 89) Benzo(k)fluoranthene | 15.086 | 252 | 696470m | 41.712 | ng | |
| 90) Benzo(a)pyrene | 15.439 | 252 | 3027031 | 193.694 | ng | # 95 |
| 91) Dibenzo(a,h)anthracene | 16.992 | 278 | 316910 | 24.261 | ng | # 89 |
| 92) Benzo(g,h,i)perylene | 17.445 | 276 | 1067615 | 80.125 | ng | # 92 |

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

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