Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130327.D
Acq On : 19 Sep 2022 18:42
Operator : CG\JU
Sample : N4665-02DL 20X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-2DL

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

Quant Time: Sep 20 02:27:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 15:06:14 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.657 | 152 | 92752 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.951 | 136 | 332269 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.692 | 164 | 165580 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.175 | 188 | 210422 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.810 | 240 | 196968 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.198 | 264 | 222275 | 20.000 | ng | # | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.245 | 112 | 21502 | 4.021 | ng | | -0.01 |
| 7) Phenol-d6 | 6.287 | 99 | 27819 | 4.158 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.222 | 82 | 17659 | 2.715 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.475 | 330 | 5095 | 3.211 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.016 | 172 | 31029 | 2.729 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.757 | 244 | 31737m | 2.669 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 31) Naphthalene | 7.986 | 128 | 7256911 | 423.932 | ng | | 94 |
| 37) 2-Methylnaphthalene | 8.675 | 142 | 3672006 | 336.439 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.769 | 142 | 2469732 | 235.553 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.116 | 154 | 520432 | 42.085 | ng | | 98 |
| 49) Acenaphthylene | 9.557 | 152 | 644443 | 42.966 | ng | # | 91 |
| 52) Acenaphthene | 9.722 | 154 | 244693 | 24.830 | ng | | 97 |
| 55) Dibenzofuran | 9.892 | 168 | 215005 | 15.686 | ng | # | 80 |
| 58) Fluorene | 10.245 | 166 | 1144813 | 102.125 | ng | | 99 |
| 71) Phenanthrene | 11.216 | 178 | 4072004 | 344.677 | ng | | 97 |
| 72) Anthracene | 11.257 | 178 | 796131 | 69.832 | ng | | 100 |
| 73) Carbazole | 11.404 | 167 | 45356 | 4.408 | ng | # | 88 |
| 75) Fluoranthene | 12.392 | 202 | 1432330 | 125.469 | ng | | 96 |
| 78) Pyrene | 12.621 | 202 | 2438358 | 141.511 | ng | | 98 |
| 81) Benzo(a)anthracene | 13.798 | 228 | 1148219m | 87.628 | ng | | |
| 83) Chrysene | 13.839 | 228 | 1001713m | 80.513 | ng | | |
| 87) Indeno(1,2,3-cd)pyrene | 16.521 | 276 | 284908 | 18.075 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 14.815 | 252 | 789291m | 54.405 | ng | | |
| 89) Benzo(k)fluoranthene | 14.833 | 252 | 214891m | 15.058 | ng | | |
| 90) Benzo(a)pyrene | 15.145 | 252 | 923578 | 80.356 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.527 | 278 | 103546 | 8.008 | ng | # | 90 |
| 92) Benzo(g,h,i)perylene | 16.915 | 276 | 294622 | 22.618 | ng | | 99 |

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

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