Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053299.D
Acq On : 23 Apr 2022 18:55
Operator : CG/JU
Sample : N2476-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 24 02:50:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
PAT-01-041922

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.110 | 152 | 40104 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.924 | 136 | 158710 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.737 | 164 | 106267 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.480 | 188 | 207201 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.774 | 240 | 189142 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.081 | 264 | 197226 | 20.000 | ng | | # 0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.678 | 112 | 121292 | 51.844 | ng | | 0.00 |
| 7) Phenol-d6 | 7.270 | 99 | 182147 | 50.487 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.273 | 82 | 135045 | 34.549 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.223 | 330 | 76275 | 45.115 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.356 | 172 | 262980 | 34.124 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.082 | 244 | 324491 | 28.975 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 31) Naphthalene | 10.971 | 128 | 131740 | 15.558 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.569 | 142 | 48162 | 7.687 | ng | | 95 |
| 38) 1-Methylnaphthalene | 12.786 | 142 | 37385 | 6.113 | ng | # | 94 |
| 49) Acenaphthylene | 14.461 | 152 | 112929 | 11.816 | ng | | 96 |
| 52) Acenaphthene | 14.795 | 154 | 82505 | 12.729 | ng | | 96 |
| 55) Dibenzofuran | 15.130 | 168 | 110663 | 10.904 | ng | | 96 |
| 58) Fluorene | 15.776 | 166 | 168146 | 20.513 | ng | | 99 |
| 71) Phenanthrene | 17.527 | 178 | 1132632 | 100.076 | ng | | 100 |
| 72) Anthracene | 17.615 | 178 | 338461 | 30.186 | ng | | 99 |
| 73) Carbazole | 17.879 | 167 | 88397 | 8.110 | ng | | 100 |
| 75) Fluoranthene | 19.536 | 202 | 1741066 | 120.012 | ng | | 95 |
| 78) Pyrene | 19.900 | 202 | 1607813 | 119.356 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.757 | 228 | 911559 | 70.488 | ng | | 93 |
| 83) Chrysene | 21.821 | 228 | 838204 | 69.839 | ng | | 94 |
| 87) Indeno(1,2,3-cd)pyrene | 28.876 | 276 | 518286 | 35.371 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 24.042 | 252 | 1184608 | 95.197 | ng | | 95 |
| 89) Benzo(k)fluoranthene | 24.100 | 252 | 435784m | 35.632 | ng | | |
| 90) Benzo(a)pyrene | 24.940 | 252 | 944105 | 89.058 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 28.906 | 278 | 120661 | 10.005 | ng | # | 84 |
| 92) Benzo(g,h,i)perylene | 30.063 | 276 | 448814 | 37.757 | ng | | 99 |

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

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