Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
Data File : BG060377.D
Acq On : 19 Jan 2024 20:23
Operator : MA/JU
Sample : P1182-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-03-011824

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

Quant Time: Jan 20 06:35:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.928 | 152 | 270215 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.731 | 136 | 1034965 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.568 | 164 | 713965 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.317 | 188 | 1595531 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.583 | 240 | 1372589 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.756 | 264 | 1532719 | 20.000 | ng | | 0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.508 | 112 | 311213 | 18.943 | ng | | 0.00 |
| 7) Phenol-d6 | 7.094 | 99 | 407792 | 16.763 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.092 | 82 | 265568 | 12.116 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.060 | 330 | 177040 | 16.854 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.187 | 172 | 635942 | 12.384 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.932 | 244 | 936311 | 9.764 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 31) Naphthalene | 10.784 | 128 | 510845 | 9.416 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.394 | 142 | 259773 | 6.456 | ng | | 95 |
| 38) 1-Methylnaphthalene | 12.611 | 142 | 202180 | 5.004 | ng | | 96 |
| 52) Acenaphthene | 14.632 | 154 | 294311 | 7.434 | ng | | 99 |
| 55) Dibenzofuran | 14.967 | 168 | 376587 | 5.698 | ng | | 97 |
| 58) Fluorene | 15.614 | 166 | 569886 | 10.413 | ng | | 97 |
| 71) Phenanthrene | 17.359 | 178 | 4070681 | 52.783 | ng | | 98 |
| 72) Anthracene | 17.447 | 178 | 1170650 | 15.204 | ng | | 95 |
| 73) Carbazole | 17.723 | 167 | 327985 | 4.518 | ng | | 92 |
| 75) Fluoranthene | 19.380 | 202 | 4735153 | 51.119 | ng | | 98 |
| 78) Pyrene | 19.738 | 202 | 4377003 | 49.936 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.565 | 228 | 2382301 | 28.036 | ng | | 95 |
| 83) Chrysene | 21.630 | 228 | 2295924m | 27.472 | ng | | |
| 87) Indeno(1,2,3-cd)pyrene | 28.369 | 276 | 796633m | 7.475 | ng | | |
| 88) Benzo(b)fluoranthene | 23.751 | 252 | 2436018 | 26.903 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.816 | 252 | 1100576m | 12.317 | ng | | |
| 90) Benzo(a)pyrene | 24.609 | 252 | 1910668 | 23.359 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 28.434 | 278 | 186994 | 2.149 | ng | # | 85 |
| 92) Benzo(g,h,i)perylene | 29.509 | 276 | 741903m | 8.317 | ng | | |

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

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