Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064670.D
Acq On : 1 Nov 2025 00:27
Operator : RC/JU
Sample : Q3486-07DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
TP6DL

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 01 01:02:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.219 | 152 | 43395 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.045 | 136 | 171761 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.841 | 164 | 128277 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.579 | 188 | 266257 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.856 | 240 | 285356 | 20.000 | ng | # 0.00 |
| 86) Perylene-d12 | 25.199 | 264 | 320271 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.752 | 112 | 9375 | 3.626 | ng | 0.00 |
| 7) Phenol-d6 | 7.350 | 99 | 13458 | 3.794 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.377 | 82 | 9042 | 3.162 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.316 | 330 | 6889 | 3.721 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.472 | 172 | 21913 | 2.589 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.164 | 244 | 36277 | 2.399 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 49) Acenaphthylene | 14.571 | 152 | 56044m | 5.162 | ng | |
| 71) Phenanthrene | 17.620 | 178 | 199665 | 13.713 | ng | 99 |
| 75) Fluoranthene | 19.618 | 202 | 279613 | 15.329 | ng | 98 |
| 78) Pyrene | 19.976 | 202 | 590366 | 31.666 | ng | 99 |
| 81) Benzo(a)anthracene | 21.833 | 228 | 334740m | 17.692 | ng | |
| 83) Chrysene | 21.903 | 228 | 347902 | 19.324 | ng | 95 |
| 87) Indeno(1,2,3-cd)pyrene | 29.036 | 276 | 142913 | 6.066 | ng | # 87 |
| 88) Benzo(b)fluoranthene | 24.136 | 252 | 270543 | 13.776 | ng | 98 |
| 89) Benzo(k)fluoranthene | 24.201 | 252 | 95925m | 4.881 | ng | |
| 90) Benzo(a)pyrene | 25.047 | 252 | 306845 | 16.997 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 29.083 | 278 | 48505m | 2.534 | ng | |
| 92) Benzo(g,h,i)perylene | 29.036 | 276 | 142913 | 6.066 | ng | 98 |

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

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