Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056562.D
Acq On : 6 Feb 2023 19:49
Operator : CG/JU
Sample : 01418-11DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JPP-20-020223DL

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

Quant Time: Feb 07 04:35:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:30:04 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.278 | 152 | 49170 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.110 | 136 | 179320 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.894 | 164 | 131334 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.637 | 188 | 291717 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.927 | 240 | 264804 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.358 | 264 | 292454 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.804 | 112 | 42606 | 15.940 | ng | | 0.01 |
| 7) Phenol-d6 | 7.426 | 99 | 60106 | 15.177 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.453 | 82 | 32448 | 10.275 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.380 | 330 | 25348 | 14.518 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.519 | 172 | 101716 | 10.738 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.211 | 244 | 154310 | 10.235 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 71) Phenanthrene | 17.679 | 178 | 295564 | 19.358 | ng | | 98 |
| 72) Anthracene | 17.767 | 178 | 68082 | 4.344 | ng | | 100 |
| 75) Fluoranthene | 19.670 | 202 | 515262 | 26.739 | ng | | 99 |
| 78) Pyrene | 20.035 | 202 | 570495 | 30.292 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.909 | 228 | 276684 | 14.946 | ng | | 99 |
| 83) Chrysene | 21.979 | 228 | 246616 | 14.179 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 29.300 | 276 | 116788 | 5.455 | ng | # | 87 |
| 88) Benzo(b)fluoranthene | 24.265 | 252 | 295914 | 16.302 | ng | # | 98 |
| 89) Benzo(k)fluoranthene | 24.330 | 252 | 119356m | 6.512 | ng | | |
| 90) Benzo(a)pyrene | 25.193 | 252 | 247704 | 13.853 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 30.546 | 276 | 113756 | 6.561 | ng | | 98 |

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

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