Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
Data File : BF140716.D
Acq On : 03 Dec 2024 17:34
Operator : RC/JU
Sample : P5045-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-11222024DL

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/04/2024
Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 03 17:54:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.869 | 152 | 78891 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.151 | 136 | 293060 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 153756 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.398 | 188 | 248875 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 146599 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.580 | 264 | 175946 | 20.000 | ng | | 0.04 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.499 | 112 | 200589 | 43.382 | ng | | 0.00 |
| 7) Phenol-d6 | 6.504 | 99 | 255218 | 41.752 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.428 | 82 | 167951 | 29.314 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.698 | 330 | 60062 | 36.524 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 323041 | 31.304 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 243943 | 25.911 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 58) Fluorene | 10.457 | 166 | 20621 | 2.017 | ng | | 98 |
| 71) Phenanthrene | 11.422 | 178 | 226837 | 18.961 | ng | | 99 |
| 72) Anthracene | 11.475 | 178 | 79560 | 6.799 | ng | | 98 |
| 75) Fluoranthene | 12.616 | 202 | 511490 | 39.379 | ng | | 100 |
| 78) Pyrene | 12.845 | 202 | 444891 | 32.821 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 241372 | 24.873 | ng | | 97 |
| 83) Chrysene | 14.086 | 228 | 177358 | 19.987 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.098 | 276 | 112409 | 9.803 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 15.145 | 252 | 273189m | 24.720 | ng | | |
| 89) Benzo(k)fluoranthene | 15.157 | 252 | 101150m | 10.459 | ng | | |
| 90) Benzo(a)pyrene | 15.516 | 252 | 201814 | 22.459 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 17.104 | 278 | 28510 | 3.036 | ng | # | 85 |
| 92) Benzo(g,h,i)perylene | 17.557 | 276 | 102663 | 10.714 | ng | | 100 |

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

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