Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118009.D
Acq On : 26 Nov 2019 16:10
Operator : JU
Sample : K5973-07DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7DL

Manual Integrations APPROVED
jagrut
11/27/2019 11:33:37 PM

Quant Time: Nov 26 17:24:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 114524 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.18 | 136 | 518275 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.95 | 164 | 212907 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.44 | 188 | 406711 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.09 | 240 | 198535 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.60 | 264 | 189876 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 133386 | 20.62 | ng | | 0.00 |
| 7) Phenol-d6 | 6.51 | 99 | 174973 | 22.42 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.45 | 82 | 115576 | 13.26 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.73 | 330 | 43993 | 19.52 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.26 | 172 | 224499 | 18.92 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.03 | 244 | 136311 | 12.55 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 50) Dimethylphthalate | 9.65 | 163 | 44753 | 2.998 | ng | | 98 |
| 71) Phenanthrene | 11.46 | 178 | 562432 | 27.505 | ng | | 98 |
| 72) Anthracene | 11.52 | 178 | 125072 | 6.169 | ng | | 97 |
| 75) Fluoranthene | 12.66 | 202 | 617580 | 30.790 | ng | | 98 |
| 78) Pyrene | 12.89 | 202 | 764664 | 47.658 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.08 | 228 | 252860 | 19.274 | ng | | 99 |
| 83) Chrysene | 14.12 | 228 | 219278 | 17.249 | ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 17.13 | 276 | 120720 | 11.157 | ng | # | 93 |
| 88) Benzo(b)fluoranthene | 15.15 | 252 | 242264m | 19.638 | ng | | |
| 89) Benzo(k)fluoranthene | 15.17 | 252 | 77821m | 6.695 | ng | | |
| 90) Benzo(a)pyrene | 15.53 | 252 | 202193 | 18.639 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.13 | 278 | 30670m | 3.285 | ng | | |
| 92) Benzo(g,h,i)perylene | 17.59 | 276 | 124715 | 13.410 | ng | | 97 |

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

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