Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116848.D
Acq On : 5 Sep 2019 19:48
Operator : HP/JU
Sample : K4692-10 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-28-COMP

**Manual Integrations APPROVED**
mohammad
9/10/2019 9:55:25 AM

Quant Time: Sep 06 05:30:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 64178 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 266904 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.88 | 164 | 136846 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.36 | 188 | 207416 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.00 | 240 | 154836 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.46 | 264 | 114356 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 245031 | 61.85 | ng | | 0.00 |
| 7) Phenol-d6 | 6.47 | 99 | 345144 | 66.35 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 202100 | 43.23 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 62714 | 68.55 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.20 | 172 | 399712 | 49.27 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.94 | 244 | 351642 | 42.01 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 50) Dimethylphthalate | 9.59 | 163 | 54036 | 5.719 | ng | | 96 |
| 71) Phenanthrene | 11.39 | 178 | 222109 | 19.237 | ng | | 99 |
| 72) Anthracene | 11.44 | 178 | 49767 | 4.282 | ng | | 99 |
| 75) Fluoranthene | 12.58 | 202 | 363899 | 32.070 | ng | | 99 |
| 78) Pyrene | 12.81 | 202 | 355559 | 25.833 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.99 | 228 | 172303 | 17.583 | ng | | 97 |
| 83) Chrysene | 14.03 | 228 | 159812 | 15.829 | ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 16.92 | 276 | 49196 | 6.067 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.04 | 252 | 153172m | 22.155 | ng | | |
| 89) Benzo(k)fluoranthene | 15.06 | 252 | 34933m | 5.542 | ng | | |
| 90) Benzo(a)pyrene | 15.40 | 252 | 94479 | 15.707 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 16.92 | 278 | 13902 | 2.640 | ng | # | 83 |
| 92) Benzo(g,h,i)perylene | 17.36 | 276 | 48964 | 9.119 | ng | # | 91 |

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

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