Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
Data File : BF115712.D
Acq On : 22 Jul 2019 16:33
Operator : HP/JU
Sample : K3622-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OR-02-071919-A

**Manual Integrations APPROVED**
mohammad
7/23/2019 4:24:30 PM

Quant Time: Jul 23 03:33:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.88 | 152 | 174050 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.16 | 136 | 672443 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.92 | 164 | 335403 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.40 | 188 | 513783 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.04 | 240 | 413219 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.53 | 264 | 408624 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 411234 | 38.65 | ng | | 0.00 |
| 7) Phenol-d6 | 6.50 | 99 | 547406 | 40.54 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.43 | 82 | 324084 | 28.02 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.70 | 330 | 125206 | 31.98 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.23 | 172 | 573765 | 29.94 | ng | | -0.02 |
| 79) Terphenyl-d14 | 12.99 | 244 | 497065 | 22.20 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 50) Dimethylphthalate | 9.63 | 163 | 75860 | 3.006 | ng | | 98 |
| 71) Phenanthrene | 11.43 | 178 | 272205 | 10.336 | ng | | 97 |
| 72) Anthracene | 11.47 | 178 | 82023 | 3.014 | ng | | 99 |
| 75) Fluoranthene | 12.62 | 202 | 487479 | 17.516 | ng | | 98 |
| 78) Pyrene | 12.84 | 202 | 473351 | 13.521 | ng | | 97 |
| 81) Benzo(a)anthracene | 14.03 | 228 | 226059 | 8.304 | ng | | 99 |
| 83) Chrysene | 14.07 | 228 | 187410 | 6.858 | ng | | 95 |
| 86) Indeno(1,2,3-cd)pyrene | 17.01 | 276 | 70041 | 3.017 | ng | | 95 |
| 88) Benzo(b)fluoranthene | 15.09 | 252 | 211796m | 8.049 | ng | | |
| 89) Benzo(k)fluoranthene | 15.12 | 252 | 59121m | 2.520 | ng | | |
| 90) Benzo(a)pyrene | 15.46 | 252 | 150106 | 6.637 | ng | # | 92 |
| 92) Benzo(g,h,i)perylene | 17.46 | 276 | 66503 | 3.359 | ng | # | 90 |

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

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