Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118315.D
Acq On : 26 Dec 2019 14:36
Operator : JU
Sample : K6421-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-2

**Manual Integrations APPROVED**
mohammad
12/27/2019 3:19:08 PM

Quant Time: Dec 27 04:40:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 113653 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 450681 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.90 | 164 | 244648 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.39 | 188 | 471215 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.04 | 240 | 320467 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 15.53 | 264 | 327470 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 567359 | 85.21 | ng | 0.00 |
| 7) Phenol-d6 | 6.48 | 99 | 721290 | 87.33 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.41 | 82 | 426318 | 54.10 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.69 | 330 | 246985 | 81.75 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.22 | 172 | 903842 | 56.39 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.98 | 244 | 1173055 | 60.73 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 6.49 | 94 | 26619 | 2.867 | ng | # 65 |
| 50) Dimethylphthalate | 9.61 | 163 | 48668 | 2.650 | ng | 97 |
| 71) Phenanthrene | 11.41 | 178 | 139469 | 5.429 | ng | 98 |
| 75) Fluoranthene | 12.61 | 202 | 196871 | 7.594 | ng | 99 |
| 78) Pyrene | 12.84 | 202 | 169701 | 6.485 | ng | 99 |
| 81) Benzo(a)anthracene | 14.03 | 228 | 87221 | 3.888 | ng | 98 |
| 83) Chrysene | 14.06 | 228 | 72607 | 3.380 | ng | 97 |
| 88) Benzo(b)fluoranthene | 15.09 | 252 | 81885m | 3.767 | ng | |
| 90) Benzo(a)pyrene | 15.46 | 252 | 61577 | 3.216 | ng | 97 |
| 92) Benzo(g,h,i)perylene | 17.47 | 276 | 34123 | 2.126 | ng | 96 |

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

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