Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116861.D
Acq On : 6 Sep 2019 14:54
Operator : HP/JU
Sample : K4650-15 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

Manual Integrations APPROVED
mohammad
9/12/2019 9:11:40 AM

Quant Time: Sep 07 04:35:00 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 | 77970 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 319878 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.88 | 164 | 163479 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.36 | 188 | 251807 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.00 | 240 | 164599 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.47 | 264 | 187657 | 20.00 | ng | | 0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 210532 | 43.74 | ng | | 0.00 |
| 7) Phenol-d6 | 6.47 | 99 | 287363 | 45.47 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 175435 | 31.31 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 59137 | 54.11 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.20 | 172 | 310426 | 32.03 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.94 | 244 | 268595 | 30.19 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 49) Acenaphthylene | 9.74 | 152 | 87329 | 5.880 | ng | | 98 |
| 50) Dimethylphthalate | 9.59 | 163 | 133379 | 11.818 | ng | | 98 |
| 58) Fluorene | 10.43 | 166 | 21675 | 2.211 | ng | | 94 |
| 71) Phenanthrene | 11.39 | 178 | 457228 | 32.619 | ng | | 99 |
| 72) Anthracene | 11.44 | 178 | 117096 | 8.299 | ng | | 99 |
| 73) Carbazole | 11.59 | 167 | 35137 | 2.614 | ng | | 98 |
| 75) Fluoranthene | 12.58 | 202 | 943512 | 68.492 | ng | | 98 |
| 78) Pyrene | 12.81 | 202 | 818639 | 55.949 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.00 | 228 | 460914m | 44.245 | ng | | |
| 83) Chrysene | 14.03 | 228 | 431021 | 40.160 | ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 16.94 | 276 | 249144 | 28.901 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.05 | 252 | 650899m | 57.371 | ng | | |
| 89) Benzo(k)fluoranthene | 15.07 | 252 | 165641m | 16.012 | ng | | |
| 90) Benzo(a)pyrene | 15.42 | 252 | 406645 | 41.197 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 16.94 | 278 | 62887 | 7.279 | ng | # | 90 |
| 92) Benzo(g,h,i)perylene | 17.38 | 276 | 216920 | 24.618 | ng | | 96 |

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

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