Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
Data File : BF115717.D
Acq On : 22 Jul 2019 18:47
Operator : HP/JU
Sample : K3887-03DL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AOC-7(2)DL

Manual Integrations APPROVED
mohammad
7/23/2019 4:24:49 PM

Quant Time: Jul 23 11:25:32 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 | 126760 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.16 | 136 | 501340 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.92 | 164 | 242375 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.40 | 188 | 363314 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.04 | 240 | 317024 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.52 | 264 | 305551 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 25153 | 3.25 | ng | 0.00 |
| 7) Phenol-d6 | 6.50 | 99 | 48485 | 4.93 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.43 | 82 | 28106 | 3.26 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.70 | 330 | 10449 | 3.69 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.23 | 172 | 52136 | 3.76 | ng | -0.02 |
| 79) Terphenyl-d14 | 12.99 | 244 | 44844 | 2.61 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 31) Naphthalene | 8.19 | 128 | 1014905 | 41.800 | ng | 97 |
| 37) 2-Methylnaphthalene | 8.87 | 142 | 497397 | 30.905 | ng | 98 |
| 38) 1-Methylnaphthalene | 8.97 | 142 | 433637 | 28.366 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.34 | 154 | 103601 | 5.467 | ng | 94 |
| 49) Acenaphthylene | 9.78 | 152 | 210394 | 8.999 | ng | 97 |
| 52) Acenaphthene | 9.95 | 154 | 55942 | 3.706 | ng | 91 |
| 58) Fluorene | 10.46 | 166 | 317724 | 20.735 | ng | 100 |
| 71) Phenanthrene | 11.43 | 178 | 1347497 | 72.356 | ng | 98 |
| 72) Anthracene | 11.48 | 178 | 227479 | 11.819 | ng | 98 |
| 75) Fluoranthene | 12.62 | 202 | 651610 | 33.111 | ng | 97 |
| 78) Pyrene | 12.85 | 202 | 1053882 | 39.237 | ng | 97 |
| 81) Benzo(a)anthracene | 14.03 | 228 | 468295 | 22.422 | ng | 96 |
| 83) Chrysene | 14.07 | 228 | 457541 | 21.823 | ng | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 17.00 | 276 | 107050 | 6.010 | ng | 96 |
| 88) Benzo(b)fluoranthene | 15.09 | 252 | 320731m | 16.301 | ng | |
| 89) Benzo(k)fluoranthene | 15.12 | 252 | 98579m | 5.620 | ng | |
| 90) Benzo(a)pyrene | 15.46 | 252 | 292250 | 17.282 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.01 | 278 | 39059m | 2.631 | ng | |
| 92) Benzo(g,h,i)perylene | 17.46 | 276 | 122002 | 8.240 | ng | 99 |

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

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