Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117078.D
Acq On : 16 Sep 2019 23:18
Operator : HP/JU
Sample : K4846-06 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Manual Integrations APPROVED
mohammad
9/17/2019 1:26:06 PM

Quant Time: Sep 17 07:53:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.83 | 152 | 59728 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.10 | 136 | 240220 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.85 | 164 | 109853 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.34 | 188 | 156329 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.97 | 240 | 111190 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.42 | 264 | 83505 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.45 | 112 | 143645 | 37.55 | ng | | 0.00 |
| 7) Phenol-d6 | 6.46 | 99 | 209295 | 42.33 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.39 | 82 | 120772 | 26.42 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.64 | 330 | 33252 | 36.22 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.17 | 172 | 223989 | 31.88 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.92 | 244 | 190041 | 31.95 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.13 | 128 | 421523 | 36.486 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.82 | 142 | 399854 | 51.397 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.92 | 142 | 360092 | 49.420 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.27 | 154 | 38700 | 4.491 | ng | | 95 |
| 49) Acenaphthylene | 9.72 | 152 | 45563 | 4.472 | ng | # | 77 |
| 50) Dimethylphthalate | 9.57 | 163 | 17289 | 2.223 | ng | # | 95 |
| 52) Acenaphthene | 9.89 | 154 | 44981 | 7.448 | ng | | 93 |
| 55) Dibenzofuran | 10.06 | 168 | 18185 | 2.041 | ng | # | 31 |
| 58) Fluorene | 10.40 | 166 | 147353 | 20.530 | ng | | 99 |
| 71) Phenanthrene | 11.36 | 178 | 680168 | 76.601 | ng | | 99 |
| 72) Anthracene | 11.41 | 178 | 79008 | 8.715 | ng | | 98 |
| 75) Fluoranthene | 12.55 | 202 | 298417 | 32.708 | ng | | 97 |
| 78) Pyrene | 12.78 | 202 | 519773 | 55.712 | ng | | 100 |
| 81) Benzo(a)anthracene | 13.96 | 228 | 150409 | 20.247 | ng | # | 94 |
| 83) Chrysene | 14.00 | 228 | 178647 | 24.657 | ng | # | 95 |
| 86) Indeno(1,2,3-cd)pyrene | 16.85 | 276 | 26507 | 5.015 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.00 | 252 | 69838m | 13.807 | ng | | |
| 89) Benzo(k)fluoranthene | 15.02 | 252 | 16434m | 3.430 | ng | | |
| 90) Benzo(a)pyrene | 15.36 | 252 | 63735 | 14.359 | ng | | 94 |
| 91) Dibenzo(a,h)anthracene | 16.86 | 278 | 8869 | 2.508 | ng | # | 73 |
| 92) Benzo(g,h,i)perylene | 17.29 | 276 | 33173 | 9.415 | ng | | 99 |

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

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