Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114763.D
Acq On : 1 Jun 2019 17:59
Operator : HP/JU
Sample : K3105-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRIANGLE

**Manual Integrations APPROVED**
mohammad
6/3/2019 8:51:38 AM

Quant Time: Jun 03 04:20:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.70 | 152 | 339609 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.97 | 136 | 1175799 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.72 | 164 | 497402 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.20 | 188 | 935911 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.83 | 240 | 674147 | 20.00 | ng | | 0.02 |
| 87) Perylene-d12 | 15.22 | 264 | 666298 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 1806365 | 93.39 | ng | | 0.01 |
| 7) Phenol-d6 | 6.33 | 99 | 2126833 | 91.24 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.25 | 82 | 1257789 | 66.74 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.50 | 330 | 462284 | 97.54 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.05 | 172 | 1921826 | 69.70 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.78 | 244 | 1839533 | 51.30 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.00 | 128 | 345564 | 6.381 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.69 | 142 | 536594 | 14.912 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.79 | 142 | 750444 | 22.011 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.15 | 154 | 126726 | 3.432 | ng | | 96 |
| 49) Acenaphthylene | 9.58 | 152 | 768021 | 16.414 | ng | | 96 |
| 50) Dimethylphthalate | 9.44 | 163 | 323972 | 9.347 | ng | | 100 |
| 52) Acenaphthene | 9.75 | 154 | 568329 | 19.806 | ng | | 98 |
| 55) Dibenzofuran | 9.92 | 168 | 331252 | 8.110 | ng | # | 92 |
| 58) Fluorene | 10.27 | 166 | 1045118 | 36.754 | ng | | 99 |
| 71) Phenanthrene | 11.23 | 178 | 5250119 | 109.968 | ng | | 94 |
| 72) Anthracene | 11.27 | 178 | 2035897 | 42.134 | ng | | 99 |
| 73) Carbazole | 11.42 | 167 | 236778 | 5.576 | ng | | 99 |
| 75) Fluoranthene | 12.42 | 202 | 5240226 | 106.000 | ng | | 96 |
| 78) Pyrene | 12.65 | 202 | 6001257 | 105.234 | ng | | 93 |
| 80) Butylbenzylphthalate | 13.26 | 149 | 107592 | 3.754 | ng | | 94 |
| 81) Benzo(a)anthracene | 13.82 | 228 | 3771617 | 72.803 | ng | | 92 |
| 83) Chrysene | 13.86 | 228 | 3370804 | 68.102 | ng | | 96 |
| 86) Indeno(1,2,3-cd)pyrene | 16.55 | 276 | 1184965 | 23.903 | ng | | 94 |
| 88) Benzo(b)fluoranthene | 14.84 | 252 | 3164766m | 75.413 | ng | | |
| 89) Benzo(k)fluoranthene | 14.86 | 252 | 1039701m | 28.504 | ng | | |
| 90) Benzo(a)pyrene | 15.17 | 252 | 2357852 | 63.956 | ng | | 96 |
| 91) Dibenzo(a,h)anthracene | 16.56 | 278 | 356996 | 10.958 | ng | | 94 |
| 92) Benzo(g,h,i)perylene | 16.95 | 276 | 1129442 | 35.721 | ng | | 99 |

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

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