Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121604.D
Acq On : 17 Sep 2020 18:54
Operator : JU/CG
Sample : L4038-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PAV-B36-091620-0-10

**Manual Integrations APPROVED**
mohammad
9/21/2020 10:32:28 AM

Quant Time: Sep 18 07:22:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.82 | 152 | 178832 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.10 | 136 | 679058 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.86 | 164 | 332416 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.35 | 188 | 535335 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 13.99 | 240 | 309332 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.44 | 264 | 353395 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.45 | 112 | 1021812 | 84.91 | ng | 0.00 |
| 7) Phenol-d6 | 6.46 | 99 | 1295069 | 82.03 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.39 | 82 | 903858 | 71.47 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 341730 | 82.71 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.18 | 172 | 1499641 | 68.33 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.93 | 244 | 1113763 | 72.94 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 31) Naphthalene | 8.13 | 128 | 399410 | 11.142 | ng | 98 |
| 37) 2-Methylnaphthalene | 8.82 | 142 | 101997 | 4.342 | ng | 98 |
| 38) 1-Methylnaphthalene | 8.92 | 142 | 91404 | 4.181 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.28 | 154 | 70082 | 2.633 | ng | 97 |
| 50) Dimethylphthalate | 9.57 | 163 | 167210 | 6.940 | ng | 99 |
| 52) Acenaphthene | 9.89 | 154 | 364873 | 17.929 | ng | 100 |
| 55) Dibenzofuran | 10.06 | 168 | 390984 | 13.642 | ng | 96 |
| 58) Fluorene | 10.40 | 166 | 432342 | 19.726 | ng | 100 |
| 71) Phenanthrene | 11.37 | 178 | 2579171 | 88.427 | ng | 98 |
| 72) Anthracene | 11.42 | 178 | 976474 | 32.442 | ng | 100 |
| 73) Carbazole | 11.57 | 167 | 301447 | 11.098 | ng | 98 |
| 75) Fluoranthene | 12.57 | 202 | 2569436 | 82.523 | ng | 96 |
| 78) Pyrene | 12.79 | 202 | 2340965 | 103.579 | ng | 99 |
| 81) Benzo(a)anthracene | 13.97 | 228 | 1089467 | 55.671 | ng | 98 |
| 83) Chrysene | 14.01 | 228 | 957205 | 48.302 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 16.89 | 276 | 729392 | 31.693 | ng | 95 |
| 88) Benzo(b)fluoranthene | 15.02 | 252 | 1379947m | 58.411 | ng | |
| 89) Benzo(k)fluoranthene | 15.04 | 252 | 317870m | 14.693 | ng | |
| 90) Benzo(a)pyrene | 15.39 | 252 | 1059558 | 52.762 | ng | 97 |
| 91) Dibenzo(a,h)anthracene | 16.89 | 278 | 168924 | 8.818 | ng | 94 |
| 92) Benzo(g,h,i)perylene | 17.33 | 276 | 695842 | 36.951 | ng | 98 |

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

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