Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118328.D
Acq On : 26 Dec 2019 20:43
Operator : JU
Sample : K6395-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Manual Integrations APPROVED
mohammad
12/27/2019 3:19:31 PM

Quant Time: Dec 27 05:53:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 133530 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.14 | 136 | 541594 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.90 | 164 | 273440 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.39 | 188 | 430119 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.05 | 240 | 319502 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.54 | 264 | 255982 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 325353 | 41.59 | ng | | 0.00 |
| 7) Phenol-d6 | 6.48 | 99 | 430216 | 44.33 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.41 | 82 | 245512 | 25.93 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.69 | 330 | 111120 | 32.91 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.22 | 172 | 487508 | 27.21 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.98 | 244 | 417609 | 21.68 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.16 | 128 | 163767 | 5.949 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.85 | 142 | 49382 | 2.620 | ng | | 95 |
| 38) 1-Methylnaphthalene | 8.95 | 142 | 44925 | 2.530 | ng | | 98 |
| 49) Acenaphthylene | 9.76 | 152 | 83995 | 3.254 | ng | | 97 |
| 50) Dimethylphthalate | 9.61 | 163 | 66738 | 3.251 | ng | | 99 |
| 52) Acenaphthene | 9.93 | 154 | 152929 | 9.725 | ng | | 100 |
| 55) Dibenzofuran | 10.10 | 168 | 144907 | 6.237 | ng | | 99 |
| 58) Fluorene | 10.45 | 166 | 189322 | 10.094 | ng | | 99 |
| 71) Phenanthrene | 11.42 | 178 | 2117258 | 90.296 | ng | | 98 |
| 72) Anthracene | 11.47 | 178 | 566738 | 24.147 | ng | | 97 |
| 73) Carbazole | 11.62 | 167 | 234533 | 11.262 | ng | | 98 |
| 75) Fluoranthene | 12.62 | 202 | 2560133 | 108.187 | ng | | 96 |
| 78) Pyrene | 12.85 | 202 | 2216665 | 84.960 | ng | | 97 |
| 81) Benzo(a)anthracene | 14.04 | 228 | 1307716 | 58.474 | ng | | 99 |
| 83) Chrysene | 14.08 | 228 | 1114878 | 52.063 | ng | | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 17.05 | 276 | 367522 | 20.142 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 15.11 | 252 | 1279762m | 75.315 | ng | | |
| 89) Benzo(k)fluoranthene | 15.13 | 252 | 352452m | 21.602 | ng | | |
| 90) Benzo(a)pyrene | 15.48 | 252 | 765698 | 51.154 | ng | | 95 |
| 91) Dibenzo(a,h)anthracene | 17.05 | 278 | 103602m | 7.976 | ng | | |
| 92) Benzo(g,h,i)perylene | 17.51 | 276 | 338862 | 27.006 | ng | | 99 |

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

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