Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107720.D
Acq On : 27 Jul 2018 00:31
Operator : JU/SJ
Sample : J4121-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-9(3-5)

**Manual Integrations APPROVED**
Sohil
7/27/2018 2:54:17 PM

Quant Time: Jul 27 06:00:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.96 | 152 | 206815 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.24 | 136 | 853139 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 10.00 | 164 | 361455 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.49 | 188 | 567395 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 14.15 | 240 | 447013 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.68 | 264 | 508057 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 1278140 | 99.36 | ng | | 0.00 |
| 7) Phenol-d6 | 6.60 | 99 | 1535683 | 99.43 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.52 | 82 | 1010877 | 79.97 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 389997 | 94.88 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.31 | 172 | 1400791 | 61.28 | ng | | -0.02 |
| 78) Terphenyl-d14 | 13.08 | 244 | 914219 | 52.36 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.27 | 128 | 231503 | 6.171 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.95 | 142 | 72757 | 2.799 | ng | | 97 |
| 48) Acenaphthylene | 9.86 | 152 | 113783 | 3.147 | ng | | 98 |
| 49) Dimethylphthalate | 9.71 | 163 | 127461 | 4.679 | ng | | 98 |
| 51) Acenaphthene | 10.03 | 154 | 138751 | 6.125 | ng | | 96 |
| 54) Dibenzofuran | 10.21 | 168 | 161993 | 4.857 | ng | | 99 |
| 57) Fluorene | 10.55 | 166 | 262650 | 11.039 | ng | | 96 |
| 70) Phenanthrene | 11.52 | 178 | 1017277 | 36.792 | ng | | 99 |
| 71) Anthracene | 11.57 | 178 | 397633 | 14.283 | ng | | 99 |
| 72) Carbazole | 11.74 | 167 | 145477 | 5.025 | ng | | 98 |
| 74) Fluoranthene | 12.71 | 202 | 1085723 | 36.594 | ng | | 97 |
| 77) Pyrene | 12.95 | 202 | 965796 | 31.587 | ng | | 97 |
| 80) Benzo(a)anthracene | 14.14 | 228 | 598267 | 22.838 | ng | | 93 |
| 82) Chrysene | 14.18 | 228 | 594736 | 23.635 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 17.25 | 276 | 268544 | 12.592 | ng | # | 89 |
| 87) Benzo(b)fluoranthene | 15.22 | 252 | 716362m | 25.763 | ng | | |
| 88) Benzo(k)fluoranthene | 15.25 | 252 | 299068m | 10.978 | ng | | |
| 89) Benzo(a)pyrene | 15.61 | 252 | 555047 | 21.823 | ng | | 96 |
| 90) Dibenzo(a,h)anthracene | 17.25 | 278 | 62743m | 2.854 | ng | | |
| 91) Benzo(g,h,i)perylene | 17.72 | 276 | 252792m | 11.656 | ng | | |

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

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