Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116744.D
Acq On : 1 Sep 2019 15:59
Operator : HP/JU
Sample : K4544-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** T16-17-B1-B4-(0-2.25)

**Manual Integrations APPROVED**
mohammad
9/5/2019 9:54:26 AM

Quant Time: Sep 02 05:49:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 121397 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 476316 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.88 | 164 | 237165 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.36 | 188 | 334587 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.00 | 240 | 219241 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.47 | 264 | 234136 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 684286 | 91.32 | ng | | 0.00 |
| 7) Phenol-d6 | 6.47 | 99 | 925893 | 94.10 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 562359 | 67.40 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.66 | 330 | 137769 | 86.89 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.20 | 172 | 885074 | 62.95 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.95 | 244 | 630682 | 53.22 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.49 | 94 | 68672 | 6.303 | ng | | 94 |
| 31) Naphthalene | 8.15 | 128 | 126581 | 5.589 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.84 | 142 | 58020 | 3.850 | ng | | 94 |
| 38) 1-Methylnaphthalene | 8.94 | 142 | 39012 | 2.742 | ng | | 95 |
| 50) Dimethylphthalate | 9.59 | 163 | 135024 | 8.246 | ng | | 97 |
| 52) Acenaphthene | 9.91 | 154 | 66682 | 5.037 | ng | | 95 |
| 55) Dibenzofuran | 10.08 | 168 | 58636 | 3.142 | ng | # | 96 |
| 58) Fluorene | 10.42 | 166 | 62354 | 4.385 | ng | # | 99 |
| 71) Phenanthrene | 11.39 | 178 | 662134 | 35.550 | ng | | 99 |
| 72) Anthracene | 11.43 | 178 | 163164 | 8.703 | ng | | 99 |
| 73) Carbazole | 11.59 | 167 | 79149 | 4.432 | ng | | 97 |
| 75) Fluoranthene | 12.57 | 202 | 833561 | 45.540 | ng | | 97 |
| 78) Pyrene | 12.80 | 202 | 772307 | 39.628 | ng | | 98 |
| 81) Benzo(a)anthracene | 13.99 | 228 | 410110 | 29.556 | ng | | 97 |
| 83) Chrysene | 14.03 | 228 | 385125 | 26.941 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 13.98 | 149 | 33303 | 2.847 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 16.92 | 276 | 173833 | 15.139 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.04 | 252 | 446964m | 31.575 | ng | | |
| 89) Benzo(k)fluoranthene | 15.06 | 252 | 159929m | 12.391 | ng | | |
| 90) Benzo(a)pyrene | 15.40 | 252 | 320285 | 26.007 | ng | # | 89 |
| 91) Dibenzo(a,h)anthracene | 16.92 | 278 | 47527 | 4.409 | ng | # | 69 |
| 92) Benzo(g,h,i)perylene | 17.35 | 276 | 159979 | 14.551 | ng | # | 89 |

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

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