Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098978.D
Acq On : 30 Sep 2017 22:26
Operator : SJ/JU
Sample : I5563-04 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
NYSEG-PH4-SB-ESMI-4

**Manual Integrations APPROVED**
Sohil
10/2/2017 5:44:43 PM

Quant Time: Oct 01 01:27:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.92 | 152 | 130446 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.20 | 136 | 479135 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.96 | 164 | 177437 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.44 | 188 | 279186 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.09 | 240 | 229344 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.59 | 264 | 166832 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.53 | 112 | 93190 | 11.37 | ng | | -0.01 |
| 7) Phenol-d6 | 6.53 | 99 | 116528 | 11.53 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.47 | 82 | 66492 | 8.90 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.74 | 330 | 14118 | 9.72 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.27 | 172 | 127406 | 11.99 | ng | | -0.01 |
| 78) Terphenyl-d14 | 13.02 | 244 | 95656 | 9.49 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.23 | 128 | 1810871 | 80.472 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.91 | 142 | 365205 | 24.965 | ng | | 99 |
| 45) 1,1'-Biphenyl | 9.37 | 154 | 145513 | 9.542 | ng | | 96 |
| 48) Acenaphthylene | 9.82 | 152 | 126333 | 7.208 | ng | | 98 |
| 51) Acenaphthene | 9.99 | 154 | 547195 | 49.284 | ng | | 99 |
| 54) Dibenzofuran | 10.16 | 168 | 473860 | 32.054 | ng | | 99 |
| 57) Fluorene | 10.50 | 166 | 459115 | 38.639 | ng | | 99 |
| 70) Phenanthrene | 11.48 | 178 | 2049667 | 137.156 | ng | | 99 |
| 71) Anthracene | 11.53 | 178 | 984937 | 64.415 | ng | | 100 |
| 72) Carbazole | 11.67 | 167 | 207492 | 13.857 | ng | | 100 |
| 74) Fluoranthene | 12.67 | 202 | 1915190 | 126.561 | ng | | 100 |
| 77) Pyrene | 12.90 | 202 | 1675621 | 95.814 | ng | | 99 |
| 80) Benzo(a)anthracene | 14.08 | 228 | 778921m | 56.089 | ng | | |
| 82) Chrysene | 14.12 | 228 | 585859 | 44.311 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 17.10 | 276 | 203375 | 19.229 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 15.14 | 252 | 573565m | 55.917 | ng | | |
| 88) Benzo(k)fluoranthene | 15.17 | 252 | 184046m | 18.166 | ng | | |
| 89) Benzo(a)pyrene | 15.52 | 252 | 418164 | 44.412 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 17.10 | 278 | 45434 | 6.029 | ng | # | 78 |
| 91) Benzo(g,h,i)perylene | 17.56 | 276 | 191473 | 25.706 | ng | | 98 |

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

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