Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090295.D
Acq On : 29 Sep 2016 17:10
Operator : UM/SJ
Sample : H4982-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** S-23

**Manual Integrations APPROVED**
sohil
9/30/2016 4:00:45 PM

Quant Time: Sep 30 11:37:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.46 | 152 | 133800 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 7.75 | 136 | 502639 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.50 | 164 | 251535 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 10.97 | 188 | 328389 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.58 | 240 | 258219 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 14.90 | 264 | 202219 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.03 | 112 | 878249 | 106.99 | ng | | 0.00 |
| 7) Phenol-d6 | 6.12 | 99 | 1079548 | 106.49 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.04 | 82 | 687033 | 79.23 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.28 | 330 | 212900 | 98.66 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 8.83 | 172 | 942645 | 73.57 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.55 | 244 | 617138 | 60.68 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 49) Dimethylphthalate | 9.23 | 163 | 325458 | 20.31 | ng | | 99 |
| 70) Phenanthrene | 10.99 | 178 | 52808 | 3.44 | ng | | 98 |
| 74) Fluoranthene | 12.17 | 202 | 117316 | 7.12 | ng | | 92 |
| 77) Pyrene | 12.39 | 202 | 118439 | 6.70 | ng | | 97 |
| 80) Benzo(a)anthracene | 13.58 | 228 | 64204 | 4.62 | ng | # | 90 |
| 82) Chrysene | 13.61 | 228 | 58679m | 4.34 | ng | | |
| 85) Indeno(1,2,3-cd)pyrene | 16.06 | 276 | 28309m | 2.59 | ng | | |
| 87) Benzo(b)fluoranthene | 14.57 | 252 | 81819m | 7.31 | ng | | |
| 89) Benzo(a)pyrene | 14.86 | 252 | 46957 | 4.46 | ng | # | 91 |
| 91) Benzo(g,h,i)perylene | 16.39 | 276 | 25949 | 3.23 | ng | # | 94 |

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

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