Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093789.D
Acq On : 21 Mar 2017 2:44
Operator : SJ/MA
Sample : I2280-05 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CTMIX-3

**Manual Integrations APPROVED**
mohammad
3/21/2017 2:46:08 PM

Quant Time: Mar 21 03:53:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 16:03:59 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.84 | 152 | 225112 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.13 | 136 | 871170 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.88 | 164 | 370775 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.35 | 188 | 583201 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.98 | 240 | 388635 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.39 | 264 | 334078 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 29894 | 2.32 | ng | | -0.02 |
| 7) Phenol-d6 | 6.45 | 99 | 37570 | 2.36 | ng | | -0.03 |
| 23) Nitrobenzene-d5 | 7.38 | 82 | 18823 | 1.23 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.65 | 330 | 3298 | 1.15 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.19 | 172 | 44744 | 2.03 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.93 | 244 | 29569 | 1.55 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.47 | 94 | 38822 | 2.17 | ng | | 81 |
| 20) 3+4-Methylphenols | 7.24 | 107 | 30603 | 2.08 | ng | # | 65 |
| 31) Naphthalene | 8.15 | 128 | 3172690 | 78.46 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.84 | 142 | 441039 | 16.71 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.29 | 154 | 115790 | 3.84 | ng | | 97 |
| 48) Acenaphthylene | 9.73 | 152 | 514978 | 13.70 | ng | | 99 |
| 51) Acenaphthene | 9.90 | 154 | 46649m | 2.08 | ng | | |
| 54) Dibenzofuran | 10.07 | 168 | 378502 | 12.52 | ng | | 95 |
| 57) Fluorene | 10.41 | 166 | 393476m | 17.00 | ng | | |
| 70) Phenanthrene | 11.37 | 178 | 1258749 | 40.53 | ng | | 100 |
| 71) Anthracene | 11.42 | 178 | 534097 | 16.70 | ng | | 98 |
| 72) Carbazole | 11.57 | 167 | 181031 | 5.72 | ng | | 98 |
| 74) Fluoranthene | 12.55 | 202 | 847273 | 26.54 | ng | | 95 |
| 77) Pyrene | 12.78 | 202 | 670245 | 20.72 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.97 | 228 | 298192m | 12.25 | ng | | |
| 82) Chrysene | 14.00 | 228 | 267361 | 10.99 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 16.73 | 276 | 79139 | 3.97 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 14.99 | 252 | 255479m | 11.34 | ng | | |
| 88) Benzo(k)fluoranthene | 15.01 | 252 | 87947m | 5.29 | ng | | |
| 89) Benzo(a)pyrene | 15.32 | 252 | 197487 | 10.81 | ng | # | 95 |
| 91) Benzo(g,h,i)perylene | 17.15 | 276 | 71944 | 4.78 | ng | | 98 |

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

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