Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095992.D
Acq On : 17 Jun 2017 11:59
Operator : SJ/MA
Sample : I3686-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** E2-R5-BASE

**Manual Integrations APPROVED**
mohammad
6/19/2017 3:48:15 PM

Quant Time: Jun 19 01:54:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.32 | 152 | 75330 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 9.35 | 136 | 302237 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 12.17 | 164 | 127759 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 14.56 | 188 | 190936 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 18.29 | 240 | 148054 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 19.96 | 264 | 139685 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.22 | 112 | 436191 | 92.27 | ng | | 0.00 |
| 7) Phenol-d6 | 6.89 | 99 | 550023 | 97.18 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 8.24 | 82 | 308528 | 63.40 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 13.47 | 330 | 90299 | 79.88 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 11.13 | 172 | 483266 | 52.64 | ng | | -0.01 |
| 78) Terphenyl-d14 | 16.94 | 244 | 282597 | 47.37 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 49) Dimethylphthalate | 11.83 | 163 | 75120 | 7.74 | ng | | 100 |
| 70) Phenanthrene | 14.60 | 178 | 119182 | 10.82 | ng | | 97 |
| 71) Anthracene | 14.70 | 178 | 27763m | 2.41 | ng | | |
| 74) Fluoranthene | 16.39 | 202 | 147759 | 13.55 | ng | | 98 |
| 77) Pyrene | 16.69 | 202 | 136643 | 12.37 | ng | | 96 |
| 80) Benzo(a)anthracene | 18.27 | 228 | 57283 | 6.65 | ng | | 98 |
| 82) Chrysene | 18.32 | 228 | 54557 | 6.34 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 21.14 | 276 | 22661 | 3.08 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 19.56 | 252 | 64045 | 7.32 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 19.59 | 252 | 21588m | 2.58 | ng | | |
| 89) Benzo(a)pyrene | 19.90 | 252 | 50805 | 6.32 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 21.47 | 276 | 19800 | 2.85 | ng | | 97 |

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

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