Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091216\
Data File : BE092375.D
Acq On : 12 Sep 2016 17:11
Operator : UM/SJ
Sample : H4758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** NC-TS-005

**Manual Integrations APPROVED**
umangi
9/13/2016 6:57:22 AM

Quant Time: Sep 15 07:39:59 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 11175 | 5.00 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.95 | 136 | 50113 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.81 | 164 | 29027 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.56 | 188 | 73367 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.75 | 240 | 95552 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 24.10 | 264 | 94939 | 5.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.67 | 112 | 19652 | 7.40 | ng | | -0.02 |
| 5) Phenol-d6 | 7.34 | 99 | 26616 | 7.51 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 9.34 | 82 | 12005 | 3.33 | ng | | -0.02 |
| 13) 2,4,6-Tribromophenol | 16.30 | 330 | 8162 | 9.08 | ng | | -0.02 |
| 14) 2-Fluorobiphenyl | 13.43 | 172 | 25731 | 2.89 | ng | | -0.01 |
| 26) Terphenyl-d14 | 20.17 | 244 | 40156 | 2.84 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Naphthalene | 10.99 | 128 | 470 | 0.04 | ng | # | 64 |
| 11) 2-Methylnaphthalene | 12.62 | 142 | 239 | 0.03 | ng | # | 88 |
| 15) Acenaphthylene | 14.53 | 152 | 19030 | 0.38 | ng | | 100 |
| 16) Acenaphthene | 14.87 | 154 | 578 | 0.07 | ng | | 75 |
| 17) Fluorene | 15.86 | 166 | 883m | 0.09 | ng | | |
| 20) Pentachlorophenol | 17.23 | 266 | 126 | 0.23 | ng | | 89 |
| 21) Phenanthrene | 17.60 | 178 | 16433 | 0.80 | ng | | 96 |
| 22) Anthracene | 17.70 | 178 | 7513 | 0.41 | ng | | 96 |
| 23) Fluoranthene | 19.59 | 202 | 214934 | 2.39 | ng | | 100 |
| 25) Pyrene | 19.95 | 202 | 243113 | 2.62 | ng | # | 94 |
| 27) Benzo(a)anthracene | 21.70 | 228 | 192664m | 1.87 | ng | | |
| 28) Chrysene | 21.77 | 228 | 138534m | 1.37 | ng | | |
| 30) Indeno(1,2,3-cd)pyrene | 26.58 | 276 | 84431 | 0.78 | ng | | 97 |
| 32) Benzo(b)fluoranthene | 23.37 | 252 | 51360m | 2.11 | ng | | |
| 33) Benzo(k)fluoranthene | 23.40 | 252 | 18019m | 0.70 | ng | | |
| 34) Benzo(a)pyrene | 23.98 | 252 | 32202 | 1.34 | ng | # | 96 |
| 35) Dibenzo(a,h)anthracene | 26.58 | 278 | 5040 | 0.23 | ng | # | 59 |
| 36) Benzo(g,h,i)perylene | 27.35 | 276 | 89078 | 0.95 | ng | | 95 |

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

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