Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097823.D
Acq On : 18 Aug 2017 9:17
Operator : SJ/JU
Sample : I4797-06 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
E2-K9-BASE

**Manual Integrations APPROVED**
Sohil
8/18/2017 7:02:43 PM

Quant Time: Aug 18 14:05:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.77 | 152 | 142700 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.06 | 136 | 508438 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.81 | 164 | 183272 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.30 | 188 | 317499 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.93 | 240 | 287825 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.37 | 264 | 197080 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.37 | 112 | 491919 | 52.43 | ng | | -0.01 |
| 7) Phenol-d6 | 6.40 | 99 | 628905 | 49.34 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.33 | 82 | 365116 | 39.01 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.60 | 330 | 70391 | 44.27 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.13 | 172 | 478290 | 38.34 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.88 | 244 | 359197 | 26.02 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 11) bis(2-Chloroethyl)ether | 6.51 | 93 | 23112 | 2.054 | ng | | 97 |
| 31) Naphthalene | 8.08 | 128 | 82824 | 3.138 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.77 | 142 | 40830 | 2.523 | ng | | 96 |
| 49) Dimethylphthalate | 9.53 | 163 | 66031 | 4.929 | ng | # | 98 |
| 51) Acenaphthene | 9.85 | 154 | 25445 | 2.081 | ng | | 98 |
| 57) Fluorene | 10.36 | 166 | 25633 | 2.023 | ng | # | 92 |
| 67) Hexachlorobenzene | 10.90 | 284 | 15313 | 4.557 | ng | # | 84 |
| 70) Phenanthrene | 11.32 | 178 | 369819 | 21.859 | ng | | 99 |
| 71) Anthracene | 11.37 | 178 | 98074 | 5.715 | ng | | 100 |
| 72) Carbazole | 11.52 | 167 | 35517 | 2.180 | ng | | 96 |
| 74) Fluoranthene | 12.51 | 202 | 608002 | 34.430 | ng | | 99 |
| 77) Pyrene | 12.74 | 202 | 630370 | 26.778 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.92 | 228 | 310453 | 17.997 | ng | | 97 |
| 82) Chrysene | 13.96 | 228 | 289297 | 16.858 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 16.76 | 276 | 157119m | 12.446 | ng | | |
| 87) Benzo(b)fluoranthene | 14.96 | 252 | 337875m | 27.198 | ng | | |
| 88) Benzo(k)fluoranthene | 14.98 | 252 | 87916m | 7.533 | ng | | |
| 89) Benzo(a)pyrene | 15.30 | 252 | 225191 | 20.477 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.77 | 278 | 35817m | 4.000 | ng | | |
| 91) Benzo(g,h,i)perylene | 17.19 | 276 | 151504 | 16.218 | ng | | 94 |

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

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