Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020117\
Data File : BE092713.D
Acq On : 1 Feb 2017 13:50
Operator : SJ/MA
Sample : PB96613BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB96613BSD

**Manual Integrations APPROVED**
mohammad
2/2/2017 10:14:27 AM

Quant Time: Feb 01 14:55:26 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.12 | 152 | 12387 | 5.00 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.91 | 136 | 53522 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.78 | 164 | 31342 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.53 | 188 | 65985 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.72 | 240 | 66710 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 24.06 | 264 | 77196 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.64 | 112 | 25143 | 9.09 | ng | | -0.02 |
| 5) Phenol-d6 | 7.29 | 99 | 33528 | 9.89 | ng | | -0.04 |
| 8) Nitrobenzene-d5 | 9.29 | 82 | 14798 | 4.26 | ng | | -0.04 |
| 13) 2,4,6-Tribromophenol | 16.27 | 330 | 7732 | 8.35 | ng | | -0.02 |
| 14) 2-Fluorobiphenyl | 13.40 | 172 | 30960 | 4.02 | ng | | -0.02 |
| 26) Terphenyl-d14 | 20.14 | 244 | 40912 | 4.34 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.37 | 88 | 5486 | 3.28 | ng | # | 76 |
| 3) n-Nitrosodimethylamine | 3.72 | 42 | 8985 | 4.02 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.54 | 93 | 15538 | 4.32 | ng | | 87 |
| 9) Naphthalene | 10.95 | 128 | 43877 | 3.93 | ng | # | 95 |
| 10) Hexachlorobutadiene | 11.24 | 225 | 6620 | 4.01 | ng | | 100 |
| 11) 2-Methylnaphthalene | 12.58 | 142 | 28347 | 4.09 | ng | | 98 |
| 15) Acenaphthylene | 14.49 | 152 | 184457 | 4.27 | ng | | 100 |
| 16) Acenaphthene | 14.83 | 154 | 27342 | 3.95 | ng | | 94 |
| 17) Fluorene | 15.82 | 166 | 35795 | 4.12 | ng | | 99 |
| 19) Hexachlorobenzene | 16.84 | 284 | 9107 | 4.21 | ng | # | 89 |
| 20) Pentachlorophenol | 17.21 | 266 | 8436 | 12.44 | ng | # | 87 |
| 21) Phenanthrene | 17.58 | 178 | 57928 | 3.98 | ng | # | 95 |
| 22) Anthracene | 17.67 | 178 | 56530 | 4.21 | ng | | 99 |
| 23) Fluoranthene | 19.58 | 202 | 270088 | 4.18 | ng | | 98 |
| 25) Pyrene | 19.94 | 202 | 286076 | 4.35 | ng | | 99 |
| 27) Benzo(a)anthracene | 21.68 | 228 | 290587 | 4.42 | ng | # | 76 |
| 28) Chrysene | 21.75 | 228 | 295515m | 4.00 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.61 | 149 | 61107 | 4.73 | ng | # | 70 |
| 30) Indeno(1,2,3-cd)pyrene | 26.53 | 276 | 371679 | 4.65 | ng | | 98 |
| 32) Benzo(b)fluoranthene | 23.34 | 252 | 81993 | 4.39 | ng | # | 96 |
| 33) Benzo(k)fluoranthene | 23.38 | 252 | 77707 | 4.14 | ng | | 94 |
| 34) Benzo(a)pyrene | 23.95 | 252 | 78196 | 4.46 | ng | | 94 |
| 35) Dibenzo(a,h)anthracene | 26.55 | 278 | 76866 | 4.48 | ng | | 95 |
| 36) Benzo(g,h,i)perylene | 27.28 | 276 | 315798 | 4.35 | ng | | 96 |

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

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