Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
Data File : BE093004.D
Acq On : 11 May 2017 20:01
Operator : SJ/MA
Sample : I3058-10MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** LF017MW003-170508MSD

Quant Time: May 12 01:24:34 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 14:48:08 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.75 | 152 | 898 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.53 | 136 | 3434 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.39 | 164 | 1554 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.13 | 188 | 4328 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.28 | 240 | 4696 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.69 | 264 | 3833 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.36 | 112 | 590 | 0.24 | ng | | 0.00 |
| 5) Phenol-d6 | 6.92 | 99 | 528 | 0.17 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.88 | 82 | 1194 | 0.44 | ng | | -0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.11 | 152 | 2371 | 0.49 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.87 | 330 | 162 | 0.38 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.01 | 172 | 3114 | 0.51 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.14 | 212 | 4098 | 0.36 | ng | | -0.02 |
| 29) Terphenyl-d14 | 19.74 | 244 | 4303 | 0.52 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.31 | 88 | 215 | 0.12 | ng | # | 32 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 247 | 0.16 | ng | # | 94 |
| 6) bis(2-Chloroethyl)ether | 7.18 | 93 | 1143 | 0.38 | ng | # | 99 |
| 9) Naphthalene | 10.58 | 128 | 3523 | 0.39 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.87 | 225 | 470 | 0.37 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.19 | 142 | 2276 | 0.42 | ng | | 97 |
| 16) Acenaphthylene | 14.10 | 152 | 10703 | 0.41 | ng | | 100 |
| 17) Acenaphthene | 14.44 | 154 | 1990 | 0.41 | ng | | 91 |
| 18) Fluorene | 15.43 | 166 | 2396 | 0.40 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.33 | 248 | 508 | 0.37 | ng | # | 1 |
| 21) Hexachlorobenzene | 16.47 | 284 | 620 | 0.26 | ng | # | 100 |
| 22) Pentachlorophenol | 16.82 | 266 | 411 | 0.82 | ng | | 93 |
| 23) Phenanthrene | 17.19 | 178 | 3494 | 0.35 | ng | # | 77 |
| 24) Anthracene | 17.28 | 178 | 3254 | 0.36 | ng | | 97 |
| 26) Fluoranthene | 19.16 | 202 | 20210 | 0.36 | ng | # | 59 |
| 28) Pyrene | 19.53 | 202 | 20686 | 0.35 | ng | # | 96 |
| 30) Benzo(a)anthracene | 21.25 | 228 | 5167 | 0.45 | ng | # | 84 |
| 31) Chrysene | 21.30 | 228 | 5294 | 0.37 | ng | # | 83 |
| 32) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 4084 | 0.81 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.23 | 276 | 20756 | 0.45 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.95 | 252 | 4967 | 0.40 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.00 | 252 | 4984 | 0.40 | ng | | 96 |
| 37) Benzo(a)pyrene | 23.59 | 252 | 4297 | 0.40 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 26.25 | 278 | 4216 | 0.43 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 27.00 | 276 | 18006 | 0.41 | ng | | 99 |

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

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