Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091317\
Data File : BE093991.D
Acq On : 13 Sep 2017 16:19
Operator : SJ/JU
Sample : PB102310BS
Misc :
ALS Vial : 12 Sample Multiplier: 2

**Instrument :** BNA_E
**ClientSampleId :** PB102310BS

Quant Time: Sep 14 00:54:25 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 3046 | 0.80 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.71 | 136 | 15023 | 0.80 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.52 | 164 | 11301 | 0.80 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.27 | 188 | 27917 | 0.80 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.43 | 240 | 33336 | 0.80 | ng | | 0.00 |
| 34) Perylene-d12 | 23.94 | 264 | 25061 | 0.80 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.53 | 112 | 1290 | 0.26 | ng | | 0.00 |
| 5) Phenol-d6 | 7.11 | 99 | 1557 | 0.21 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.08 | 82 | 1486 | 0.23 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.31 | 152 | 2928 | 0.24 | ng | | 0.01 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 301 | 0.17 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.18 | 172 | 3846 | 0.17 | ng | | 0.02 |
| 25) Fluoranthene-d10 | 19.29 | 212 | 32693 | 0.16 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.87 | 244 | 6135 | 0.20 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.44 | 88 | 743 | 0.354 | ng | # | 1 |
| 3) n-Nitrosodimethylamine | 3.75 | 42 | 860 | 0.350 | ng | # | 78 |
| 6) bis(2-Chloroethyl)ether | 7.34 | 93 | 1483 | 0.245 | ng | | 91 |
| 9) Naphthalene | 10.76 | 128 | 19967 | 0.232 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.03 | 225 | 712 | 0.228 | ng | | 95 |
| 12) 2-Methylnaphthalene | 12.38 | 142 | 3300 | 0.231 | ng | | 98 |
| 16) Acenaphthylene | 14.26 | 152 | 4557 | 0.162 | ng | | 100 |
| 17) Acenaphthene | 14.58 | 154 | 3369 | 0.177 | ng | | 98 |
| 18) Fluorene | 15.58 | 166 | 4260 | 0.173 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.45 | 248 | 1436 | 0.031 | ng | # | 65 |
| 21) Hexachlorobenzene | 16.58 | 284 | 1230 | 0.149 | ng | # | 100 |
| 22) Pentachlorophenol | 16.94 | 266 | 514 | 0.232 | ng | | 94 |
| 23) Phenanthrene | 17.30 | 178 | 8609 | Below Cal | | # | 99 |
| 24) Anthracene | 17.40 | 178 | 6776 | 0.159 | ng | # | 94 |
| 26) Fluoranthene | 19.32 | 202 | 9065 | 0.146 | ng | | 99 |
| 28) Pyrene | 19.67 | 202 | 9300 | 0.162 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 8449 | 0.165 | ng | | 99 |
| 31) Chrysene | 21.46 | 228 | 8919 | 0.165 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 17274 | 0.139 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.62 | 276 | 4528 | 0.125 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 23.16 | 252 | 6630 | 0.166 | ng | # | 94 |
| 36) Benzo(k)fluoranthene | 23.21 | 252 | 8536 | 0.175 | ng | # | 93 |
| 37) Benzo(a)pyrene | 23.83 | 252 | 6941 | 0.171 | ng | # | 90 |
| 38) Dibenzo(a,h)anthracene | 26.64 | 278 | 3736 | 0.139 | ng | # | 80 |
| 39) Benzo(g,h,i)perylene | 27.43 | 276 | 4324 | 0.152 | ng | # | 90 |

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

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