Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070317\
Data File : BE093422.D
Acq On : 3 Jul 2017 10:35
Operator : SJ/JU
Sample : I3842-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** NC-TS-001MS

Quant Time: Jul 04 04:48:39 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.94 | 152 | 3557 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.72 | 136 | 16860 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.54 | 164 | 9365 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.27 | 188 | 25009 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.43 | 240 | 37856 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.94 | 264 | 33940 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.53 | 112 | 2494 | 0.23 | ng | | 0.00 |
| 5) Phenol-d6 | 7.10 | 99 | 3631 | 0.23 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.08 | 82 | 2877 | 0.27 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.31 | 152 | 4302 | 0.16 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 581 | 0.20 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.18 | 172 | 6123 | 0.17 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.29 | 212 | 49851 | 0.17 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.88 | 244 | 8768 | 0.13 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.45 | 88 | 1324 | 0.176 | ng | # | 79 |
| 3) n-Nitrosodimethylamine | 3.75 | 42 | 1168 | 0.337 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.36 | 93 | 2667 | 0.224 | ng | # | 98 |
| 9) Naphthalene | 10.77 | 128 | 41439 | 0.235 | ng | # | 73 |
| 10) Hexachlorobutadiene | 11.08 | 225 | 1176 | 0.175 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.38 | 142 | 6547 | 0.221 | ng | | 97 |
| 16) Acenaphthylene | 14.26 | 152 | 12679 | 0.325 | ng | # | 86 |
| 17) Acenaphthene | 14.60 | 154 | 8005 | 0.280 | ng | | 96 |
| 18) Fluorene | 15.58 | 166 | 10954 | 0.279 | ng | # | 83 |
| 20) 4-Bromophenyl-phenylether | 16.45 | 248 | 2513 | 0.183 | ng | # | 25 |
| 21) Hexachlorobenzene | 16.58 | 284 | 2486 | 0.168 | ng | # | 100 |
| 22) Pentachlorophenol | 16.91 | 266 | 1443 | 0.737 | ng | # | 77 |
| 23) Phenanthrene | 17.30 | 178 | 113905 | 1.253 | ng | | 99 |
| 24) Anthracene | 17.40 | 178 | 23060m | 0.414 | ng | | |
| 26) Fluoranthene | 19.32 | 202 | 233381 | 2.731 | ng | | 99 |
| 28) Pyrene | 19.67 | 202 | 233428 | 2.194 | ng | # | 88 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 151708 | 1.485 | ng | | 93 |
| 31) Chrysene | 21.46 | 228 | 154010 | 1.441 | ng | | 95 |
| 32) Bis(2-ethylhexyl)phthalate | 21.33 | 149 | 122311 | 0.831 | ng | # | 65 |
| 33) Indeno(1,2,3-cd)pyrene | 26.58 | 276 | 89432 | 0.953 | ng | # | 91 |
| 35) Benzo(b)fluoranthene | 23.16 | 252 | 181942 | 1.660 | ng | | 97 |
| 36) Benzo(k)fluoranthene | 23.21 | 252 | 82154m | 0.758 | ng | | |
| 37) Benzo(a)pyrene | 23.82 | 252 | 142560m | 1.485 | ng | | |
| 38) Dibenzo(a,h)anthracene | 26.60 | 278 | 30640 | 0.329 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 27.40 | 276 | 89048 | 0.946 | ng | # | 92 |

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

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