Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091117\
Data File : BE093959.D
Acq On : 11 Sep 2017 12:48
Operator : SJ/JU
Sample : PB102153BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB102153BS

**Manual Integrations APPROVED**
Sohil
9/12/2017 6:03:58 PM

Quant Time: Sep 12 08:02:14 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 | 2151 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.72 | 136 | 9661 | 0.40 | ng | | 0.02 |
| 13) Acenaphthene-d10 | 14.53 | 164 | 5642 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.27 | 188 | 12698 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.43 | 240 | 16379 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.94 | 264 | 12443 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.53 | 112 | 1442 | 0.21 | ng | | 0.00 |
| 5) Phenol-d6 | 7.13 | 99 | 1799 | 0.17 | ng | | 0.01 |
| 8) Nitrobenzene-d5 | 9.08 | 82 | 1652 | 0.20 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.31 | 152 | 3332 | 0.22 | ng | | 0.01 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 315 | 0.18 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.18 | 172 | 4324 | 0.19 | ng | | 0.02 |
| 25) Fluoranthene-d10 | 19.28 | 212 | 37994 | 0.20 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.87 | 244 | 6976 | 0.23 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.44 | 88 | 664 | 0.224 | ng | # | 7 |
| 3) n-Nitrosodimethylamine | 3.75 | 42 | 736 | 0.212 | ng | | 86 |
| 6) bis(2-Chloroethyl)ether | 7.34 | 93 | 1552 | 0.182 | ng | | 77 |
| 9) Naphthalene | 10.76 | 128 | 19867 | 0.179 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.04 | 225 | 730 | 0.181 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.38 | 142 | 3233 | 0.176 | ng | | 97 |
| 16) Acenaphthylene | 14.26 | 152 | 4453 | 0.158 | ng | | 98 |
| 17) Acenaphthene | 14.58 | 154 | 3242 | 0.170 | ng | | 97 |
| 18) Fluorene | 15.58 | 166 | 4285 | 0.175 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.45 | 248 | 1289 | 0.119 | ng | # | 73 |
| 21) Hexachlorobenzene | 16.58 | 284 | 1201 | 0.160 | ng | # | 100 |
| 22) Pentachlorophenol | 16.94 | 266 | 409 | 0.203 | ng | | 97 |
| 23) Phenanthrene | 17.30 | 178 | 7432m | 0.066 | ng | | |
| 24) Anthracene | 17.40 | 178 | 6782m | 0.175 | ng | | |
| 26) Fluoranthene | 19.31 | 202 | 9164 | 0.162 | ng | | 99 |
| 28) Pyrene | 19.67 | 202 | 9459 | 0.168 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 8337 | 0.166 | ng | | 97 |
| 31) Chrysene | 21.46 | 228 | 8765 | 0.165 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 29683 | 0.243 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.61 | 276 | 4621 | 0.130 | ng | | 94 |
| 35) Benzo(b)fluoranthene | 23.17 | 252 | 6245 | 0.158 | ng | # | 93 |
| 36) Benzo(k)fluoranthene | 23.22 | 252 | 8836 | 0.182 | ng | # | 89 |
| 37) Benzo(a)pyrene | 23.83 | 252 | 6712 | 0.166 | ng | # | 87 |
| 38) Dibenzo(a,h)anthracene | 26.64 | 278 | 3672 | 0.137 | ng | # | 73 |
| 39) Benzo(g,h,i)perylene | 27.43 | 276 | 4451 | 0.158 | ng | # | 88 |

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

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