Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
Data File : BE099922.D
Acq On : 11 Jun 2019 13:53
Operator : JU/SJ
Sample : PB120465BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB120465BS

**Manual Integrations APPROVED**
mohammad
6/14/2019 8:37:32 AM

Quant Time: Jun 12 04:14:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.78 | 152 | 924 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.59 | 136 | 3314 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.44 | 164 | 2464 | 0.40 | ng | | -0.03 |
| 19) Phenanthrene-d10 | 17.19 | 188 | 8531 | 0.40 | ng | | -0.03 |
| 27) Chrysene-d12 | 21.37 | 240 | 12114 | 0.40 | ng | | -0.04 |
| 34) Perylene-d12 | 23.87 | 264 | 13581 | 0.40 | ng | | -0.06 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.36 | 112 | 815 | 0.33 | ng | | 0.00 |
| 5) Phenol-d6 | 6.96 | 99 | 1079 | 0.34 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.95 | 82 | 1054 | 0.34 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.18 | 152 | 2663 | 0.46 | ng | | -0.03 |
| 14) 2,4,6-Tribromophenol | 15.94 | 330 | 398 | 0.22 | ng | | -0.03 |
| 15) 2-Fluorobiphenyl | 13.07 | 172 | 3030 | 0.32 | ng | | -0.03 |
| 25) Fluoranthene-d10 | 19.22 | 212 | 42327 | 0.34 | ng | | -0.03 |
| 29) Terphenyl-d14 | 19.82 | 244 | 8879 | 0.41 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 464 | 0.339 | ng | # | 75 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 196 | 0.249 | ng | # | 100 |
| 6) bis(2-Chloroethyl)ether | 7.22 | 93 | 811 | 0.309 | ng | # | 90 |
| 9) Naphthalene | 10.63 | 128 | 12558 | 0.351 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.90 | 225 | 933 | 0.342 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.27 | 142 | 2027 | 0.349 | ng | | 97 |
| 16) Acenaphthylene | 14.17 | 152 | 3983 | 0.325 | ng | | 99 |
| 17) Acenaphthene | 14.50 | 154 | 2235 | 0.335 | ng | | 98 |
| 18) Fluorene | 15.49 | 166 | 3448 | 0.344 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.38 | 248 | 1612 | 0.334 | ng | | 99 |
| 21) Hexachlorobenzene | 16.49 | 284 | 1619 | 0.328 | ng | | 99 |
| 22) Pentachlorophenol | 16.87 | 266 | 210 | 0.388 | ng | | 97 |
| 23) Phenanthrene | 17.23 | 178 | 6978 | 0.337 | ng | | 99 |
| 24) Anthracene | 17.32 | 178 | 6408 | 0.338 | ng | | 99 |
| 26) Fluoranthene | 19.25 | 202 | 12557 | 0.357 | ng | | 99 |
| 28) Pyrene | 19.61 | 202 | 13180 | 0.414 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.35 | 228 | 14192 | 0.392 | ng | | 97 |
| 31) Chrysene | 21.40 | 228 | 14531 | 0.388 | ng | | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 20092 | 0.387 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.52 | 276 | 17013 | 0.383 | ng | # | 93 |
| 35) Benzo(b)fluoranthene | 23.10 | 252 | 14232m | 0.374 | ng | | |
| 36) Benzo(k)fluoranthene | 23.15 | 252 | 15009 | 0.377 | ng | | 100 |
| 37) Benzo(a)pyrene | 23.76 | 252 | 14144 | 0.377 | ng | # | 91 |
| 38) Dibenzo(a,h)anthracene | 26.56 | 278 | 13669 | 0.362 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 27.34 | 276 | 14615 | 0.375 | ng | | 99 |

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

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