Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
Data File : BE099747.D
Acq On : 24 May 2019 17:57
Operator : JU/SJ
Sample : PB120039BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB120039BS

**Manual Integrations APPROVED**
mohammad
5/27/2019 4:01:30 AM

Quant Time: May 24 21:59:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 1246 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.60 | 136 | 4272 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.47 | 164 | 2827 | 0.40 | ng | | -0.02 |
| 19) Phenanthrene-d10 | 17.21 | 188 | 8262 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.40 | 240 | 14078 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.94 | 264 | 17454 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.37 | 112 | 1496 | 0.48 | ng | | 0.00 |
| 5) Phenol-d6 | 6.97 | 99 | 1828 | 0.44 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.96 | 82 | 1634 | 0.44 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 2870m | 0.39 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.97 | 330 | 749 | 0.48 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.10 | 172 | 4553 | 0.42 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.25 | 212 | 45855 | 0.41 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.85 | 244 | 10571 | 0.42 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 520 | 0.282 | ng | # | 82 |
| 3) n-Nitrosodimethylamine | 3.60 | 42 | 564 | 0.554 | ng | # | 91 |
| 6) bis(2-Chloroethyl)ether | 7.22 | 93 | 1466 | 0.395 | ng | | 100 |
| 9) Naphthalene | 10.65 | 128 | 18249 | 0.399 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.94 | 225 | 1344 | 0.400 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.28 | 142 | 2979 | 0.400 | ng | | 98 |
| 16) Acenaphthylene | 14.20 | 152 | 5324 | 0.404 | ng | | 100 |
| 17) Acenaphthene | 14.54 | 154 | 2916 | 0.394 | ng | | 97 |
| 18) Fluorene | 15.51 | 166 | 4322 | 0.397 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.41 | 248 | 1850 | 0.388 | ng | # | 90 |
| 21) Hexachlorobenzene | 16.52 | 284 | 1904 | 0.391 | ng | | 97 |
| 22) Pentachlorophenol | 16.88 | 266 | 1741 | 1.221 | ng | | 93 |
| 23) Phenanthrene | 17.27 | 178 | 7933 | 0.393 | ng | | 100 |
| 24) Anthracene | 17.35 | 178 | 7202 | 0.393 | ng | | 98 |
| 26) Fluoranthene | 19.29 | 202 | 12856 | 0.403 | ng | | 100 |
| 28) Pyrene | 19.65 | 202 | 13496 | 0.382 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.39 | 228 | 18849 | 0.471 | ng | | 99 |
| 31) Chrysene | 21.44 | 228 | 19052 | 0.445 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149 | 23744 | 0.515 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.63 | 276 | 24162 | 0.468 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 23.16 | 252 | 19490 | 0.408 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 23.21 | 252 | 20618 | 0.414 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.82 | 252 | 19919 | 0.433 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 26.66 | 278 | 20082 | 0.416 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 27.45 | 276 | 20655 | 0.423 | ng | | 98 |

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

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