Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051619\
Data File : BE099621.D
Acq On : 16 May 2019 13:16
Operator : JU/SJ
Sample : PB119274BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB119274BS

**Manual Integrations APPROVED**
mohammad
5/17/2019 2:25:06 PM

Quant Time: May 17 12:32:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:30:50 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 1909 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.63 | 136 | 6471 | 0.40 | ng | | 0.01 |
| 13) Acenaphthene-d10 | 14.49 | 164 | 4133 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.23 | 188 | 12493 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.43 | 240 | 17014 | 0.40 | ng | | 0.01 |
| 34) Perylene-d12 | 23.97 | 264 | 20008 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.38 | 112 | 1667 | 0.31 | ng | | 0.00 |
| 5) Phenol-d6 | 6.98 | 99 | 2247 | 0.33 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.98 | 82 | 1905 | 0.30 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 3872m | 0.36 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.98 | 330 | 683 | 0.24 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.12 | 172 | 5459 | 0.34 | ng | | 0.02 |
| 25) Fluoranthene-d10 | 19.27 | 212 | 56807 | 0.34 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.87 | 244 | 11906 | 0.39 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 956 | 0.340 | ng | # | 25 |
| 3) n-Nitrosodimethylamine | 3.62 | 42 | 603 | 0.336 | ng | # | 91 |
| 6) bis(2-Chloroethyl)ether | 7.24 | 93 | 1967 | 0.340 | ng | | 96 |
| 9) Naphthalene | 10.67 | 128 | 23998 | 0.349 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.95 | 225 | 1726 | 0.343 | ng | | 100 |
| 12) 2-Methylnaphthalene | 12.30 | 142 | 3863 | 0.340 | ng | | 96 |
| 16) Acenaphthylene | 14.21 | 152 | 6437 | 0.330 | ng | | 99 |
| 17) Acenaphthene | 14.56 | 154 | 3686 | 0.335 | ng | | 98 |
| 18) Fluorene | 15.53 | 166 | 5478 | 0.347 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.43 | 248 | 2369 | 0.329 | ng | # | 93 |
| 21) Hexachlorobenzene | 16.53 | 284 | 2416 | 0.341 | ng | | 97 |
| 22) Pentachlorophenol | 16.93 | 266 | 382m | 0.368 | ng | | |
| 23) Phenanthrene | 17.28 | 178 | 10577 | 0.341 | ng | | 100 |
| 24) Anthracene | 17.36 | 178 | 9073 | 0.317 | ng | | 99 |
| 26) Fluoranthene | 19.30 | 202 | 16802 | 0.358 | ng | | 99 |
| 28) Pyrene | 19.66 | 202 | 17120 | 0.395 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 20476 | 0.398 | ng | | 100 |
| 31) Chrysene | 21.46 | 228 | 19119 | 0.361 | ng | | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 25226 | 0.318 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.66 | 276 | 25119 | 0.381 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.18 | 252 | 19697 | 0.352 | ng | | 97 |
| 36) Benzo(k)fluoranthene | 23.23 | 252 | 21813 | 0.395 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.85 | 252 | 20092 | 0.371 | ng | # | 95 |
| 38) Dibenzo(a,h)anthracene | 26.69 | 278 | 20852 | 0.371 | ng | | 100 |
| 39) Benzo(g,h,i)perylene | 27.49 | 276 | 21503 | 0.381 | ng | | 99 |

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

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