Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
Data File : BE100779.D
Acq On : 4 Dec 2019 17:18
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** ICVBE120419

Quant Time: Dec 04 18:00:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 5382 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.54 | 136 | 24383 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.40 | 164 | 13127 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.13 | 188 | 31111 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.31 | 240 | 29814 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.76 | 264 | 31035 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.37 | 112 | 5055 | 0.40 | ng | 0.00 |
| 5) Phenol-d6 | 6.93 | 99 | 7321 | 0.38 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 82 | 4787 | 0.41 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.14 | 152 | 13589 | 0.38 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.88 | 330 | 592 | 0.41 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.03 | 172 | 20082 | 0.39 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.16 | 212 | 129460 | 0.35 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.77 | 244 | 28688 | 0.40 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 3899 | 0.397 | ng | 98 |
| 3) n-Nitrosodimethylamine | 3.65 | 42 | 2971 | 0.372 | ng | 97 |
| 6) bis(2-Chloroethyl)ether | 7.19 | 93 | 7172 | 0.385 | ng | 100 |
| 9) Naphthalene | 10.59 | 128 | 99938 | 0.386 | ng | 100 |
| 10) Hexachlorobutadiene | 10.89 | 225 | 3975 | 0.393 | ng | 98 |
| 12) 2-Methylnaphthalene | 12.21 | 142 | 15398 | 0.381 | ng | 99 |
| 16) Acenaphthylene | 14.11 | 152 | 18873 | 0.348 | ng | 99 |
| 17) Acenaphthene | 14.46 | 154 | 13796 | 0.369 | ng | 99 |
| 18) Fluorene | 15.43 | 166 | 17682 | 0.366 | ng | 98 |
| 20) 4-Bromophenyl-phenylether | 16.33 | 248 | 5542 | 0.363 | ng | 93 |
| 21) Hexachlorobenzene | 16.44 | 284 | 6281 | 0.379 | ng | 99 |
| 22) Pentachlorophenol | 16.79 | 266 | 119 | 0.104 | ng | 94 |
| 23) Phenanthrene | 17.17 | 178 | 36037 | 0.382 | ng | 100 |
| 24) Anthracene | 17.25 | 178 | 27417 | 0.348 | ng | 99 |
| 26) Fluoranthene | 19.19 | 202 | 39423 | 0.351 | ng | 100 |
| 28) Pyrene | 19.55 | 202 | 38245 | 0.395 | ng | 100 |
| 30) Benzo(a)anthracene | 21.29 | 228 | 31346 | 0.357 | ng | 99 |
| 31) Chrysene | 21.34 | 228 | 40635 | 0.394 | ng | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.24 | 149 | 24285 | 0.392 | ng | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.34 | 276 | 31292 | 0.348 | ng | 99 |
| 35) Benzo(b)fluoranthene | 23.01 | 252 | 31133 | 0.366 | ng | 99 |
| 36) Benzo(k)fluoranthene | 23.06 | 252 | 36177 | 0.380 | ng | 99 |
| 37) Benzo(a)pyrene | 23.65 | 252 | 25888 | 0.352 | ng | 99 |
| 38) Dibenzo(a,h)anthracene | 26.37 | 278 | 26059 | 0.356 | ng | 99 |
| 39) Benzo(g,h,i)perylene | 27.13 | 276 | 28766 | 0.368 | ng | 98 |

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

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