Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111419\
Data File : BE100720.D
Acq On : 14 Nov 2019 14:31
Operator : JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC0.1

Quant Time: Nov 15 15:55:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 16:59:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 1774 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.55 | 136 | 7635 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.41 | 164 | 4847 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.13 | 188 | 11993 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.29 | 240 | 15917 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.73 | 264 | 18586 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.35 | 112 | 516 | 0.09 | ng | | -0.01 |
| 5) Phenol-d6 | 6.94 | 99 | 710 | 0.09 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.91 | 82 | 642 | 0.14 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.15 | 152 | 1183 | 0.10 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.89 | 330 | 39 | 0.03 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.03 | 172 | 1792 | 0.10 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.16 | 212 | 15139 | 0.10 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.76 | 244 | 3935 | 0.11 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.27 | 88 | 341 | 0.108 | ng | | 89 |
| 3) n-Nitrosodimethylamine | 3.60 | 42 | 309 | 0.092 | ng | # | 90 |
| 6) bis(2-Chloroethyl)ether | 7.20 | 93 | 600 | 0.095 | ng | | 82 |
| 9) Naphthalene | 10.60 | 128 | 7910 | 0.099 | ng | # | 98 |
| 10) Hexachlorobutadiene | 10.90 | 225 | 358 | 0.103 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.22 | 142 | 1307 | 0.096 | ng | | 97 |
| 16) Acenaphthylene | 14.12 | 152 | 1814 | 0.087 | ng | | 97 |
| 17) Acenaphthene | 14.47 | 154 | 1278 | 0.095 | ng | | 97 |
| 18) Fluorene | 15.43 | 166 | 1737 | 0.097 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.33 | 248 | 627 | 0.103 | ng | # | 92 |
| 21) Hexachlorobenzene | 16.45 | 284 | 594 | 0.102 | ng | | 97 |
| 23) Phenanthrene | 17.17 | 178 | 3276 | 0.099 | ng | | 98 |
| 24) Anthracene | 17.27 | 178 | 2776 | 0.091 | ng | | 100 |
| 26) Fluoranthene | 19.18 | 202 | 4229 | 0.098 | ng | | 99 |
| 28) Pyrene | 19.55 | 202 | 4519 | 0.102 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.28 | 228 | 5128 | 0.099 | ng | | 98 |
| 31) Chrysene | 21.33 | 228 | 5249 | 0.101 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 11749 | 0.108 | ng | # | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.29 | 276 | 6089 | 0.095 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.99 | 252 | 5290 | 0.098 | ng | # | 94 |
| 36) Benzo(k)fluoranthene | 23.04 | 252 | 5626 | 0.101 | ng | # | 83 |
| 37) Benzo(a)pyrene | 23.62 | 252 | 4840 | 0.096 | ng | # | 92 |
| 38) Dibenzo(a,h)anthracene | 26.32 | 278 | 5113 | 0.098 | ng | # | 93 |
| 39) Benzo(g,h,i)perylene | 27.08 | 276 | 5091 | 0.097 | ng | | 95 |

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

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