Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096939.D
Acq On : 16 Jul 2018 14:51
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC1.6

Quant Time: Jul 16 18:01:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 16:27:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 2066 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.15 | 136 | 10649 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.03 | 164 | 5813 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.78 | 188 | 13438 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 20.98 | 240 | 12300 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.21 | 264 | 9876 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.05 | 112 | 8065 | 1.63 | ng | | 0.00 |
| 5) Phenol-d6 | 6.59 | 99 | 12519 | 1.66 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.52 | 82 | 13406 | 1.73 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.74 | 152 | 26513 | 1.71 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.52 | 330 | 2863 | 1.64 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.64 | 172 | 36084 | 1.67 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.82 | 212 | 208505 | 1.78 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.43 | 244 | 39780 | 1.68 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.10 | 88 | 4593 | 1.553 | ng | # | 87 |
| 3) n-Nitrosodimethylamine | 3.37 | 42 | 5604 | 1.684 | ng | # | 91 |
| 6) bis(2-Chloroethyl)ether | 6.84 | 93 | 12139 | 1.640 | ng | | 96 |
| 9) Naphthalene | 10.20 | 128 | 160031 | 1.679 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.50 | 225 | 6538 | 1.696 | ng | | 97 |
| 12) 2-Methylnaphthalene | 11.81 | 142 | 27576 | 1.706 | ng | | 99 |
| 16) Acenaphthylene | 13.74 | 152 | 46297 | 1.744 | ng | | 100 |
| 17) Acenaphthene | 14.08 | 154 | 28235 | 1.711 | ng | | 95 |
| 18) Fluorene | 15.07 | 166 | 32758 | 1.768 | ng | # | 80 |
| 20) 4-Bromophenyl-phenylether | 15.98 | 248 | 10869 | 1.710 | ng | # | 76 |
| 21) Hexachlorobenzene | 16.09 | 284 | 11865 | 1.681 | ng | # | 80 |
| 22) Pentachlorophenol | 16.43 | 266 | 2665 | 1.600 | ng | # | 71 |
| 23) Phenanthrene | 16.81 | 178 | 54656 | 1.698 | ng | | 99 |
| 24) Anthracene | 16.90 | 178 | 49997 | 1.785 | ng | | 95 |
| 26) Fluoranthene | 18.84 | 202 | 61317 | 1.806 | ng | | 99 |
| 28) Pyrene | 19.21 | 202 | 59632 | 1.642 | ng | | 99 |
| 30) Benzo(a)anthracene | 20.97 | 228 | 52337 | 1.787 | ng | | 95 |
| 31) Chrysene | 21.02 | 228 | 54394 | 1.656 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 20.93 | 149 | 54475 | 1.863 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.51 | 276 | 43082 | 1.711 | ng | | 96 |
| 35) Benzo(b)fluoranthene | 22.54 | 252 | 45956 | 1.823 | ng | # | 86 |
| 36) Benzo(k)fluoranthene | 22.58 | 252 | 54834 | 1.829 | ng | | 97 |
| 37) Benzo(a)pyrene | 23.11 | 252 | 42136 | 1.869 | ng | # | 94 |
| 38) Dibenzo(a,h)anthracene | 25.53 | 278 | 35596 | 1.803 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 26.21 | 276 | 37668 | 1.697 | ng | # | 92 |

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

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