Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112118\
Data File : BE098254.D
Acq On : 21 Nov 2018 9:38
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDCCC0.4

Quant Time: Nov 21 10:48:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 16 19:05:33 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.87 | 152 | 1461 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.67 | 136 | 7045 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.53 | 164 | 4569 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.28 | 188 | 10557 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.46 | 240 | 11386 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.01 | 264 | 10779 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.46 | 112 | 1522 | 0.39 | ng | | 0.00 |
| 5) Phenol-d6 | 7.05 | 99 | 2564 | 0.42 | ng | | 0.01 |
| 8) Nitrobenzene-d5 | 9.02 | 82 | 2763 | 0.42 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.27 | 152 | 4738 | 0.38 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 534 | 0.36 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.15 | 172 | 7447 | 0.37 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.31 | 212 | 49511 | 0.39 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.91 | 244 | 9908 | 0.38 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.37 | 88 | 939 | 0.409 | ng | | 85 |
| 3) n-Nitrosodimethylamine | 3.70 | 42 | 1035 | 0.402 | ng | # | 90 |
| 6) bis(2-Chloroethyl)ether | 7.29 | 93 | 2015 | 0.382 | ng | | 100 |
| 9) Naphthalene | 10.72 | 128 | 28689 | 0.400 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.00 | 225 | 1565 | 0.372 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.34 | 142 | 4935 | 0.391 | ng | | 97 |
| 16) Acenaphthylene | 14.25 | 152 | 8527 | 0.392 | ng | | 99 |
| 17) Acenaphthene | 14.60 | 154 | 5162 | 0.397 | ng | | 98 |
| 18) Fluorene | 15.58 | 166 | 6596 | 0.398 | ng | | 96 |
| 20) 4-Bromophenyl-phenylether | 16.46 | 248 | 2511 | 0.384 | ng | | 92 |
| 21) Hexachlorobenzene | 16.58 | 284 | 2556 | 0.379 | ng | | 98 |
| 22) Pentachlorophenol | 16.94 | 266 | 429 | 0.426 | ng | | 96 |
| 23) Phenanthrene | 17.31 | 178 | 10623 | 0.391 | ng | | 99 |
| 24) Anthracene | 17.41 | 178 | 9590 | 0.389 | ng | | 98 |
| 26) Fluoranthene | 19.34 | 202 | 12612 | 0.387 | ng | | 99 |
| 28) Pyrene | 19.70 | 202 | 12858 | 0.386 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.45 | 228 | 12468 | 0.379 | ng | | 99 |
| 31) Chrysene | 21.50 | 228 | 13517 | 0.399 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.37 | 149 | 19572 | 0.381 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.71 | 276 | 12346 | 0.426 | ng | # | 91 |
| 35) Benzo(b)fluoranthene | 23.23 | 252 | 11741 | 0.386 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.28 | 252 | 12917 | 0.376 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.90 | 252 | 11646 | 0.390 | ng | | 97 |
| 38) Dibenzo(a,h)anthracene | 26.73 | 278 | 9623 | 0.402 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 27.54 | 276 | 10340 | 0.401 | ng | | 97 |

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

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