Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
Data File : BE100821.D
Acq On : 10 Dec 2019 22:02
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Dec 11 05:43:20 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 | 7.76 | 152 | 5833 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.54 | 136 | 28553 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.40 | 164 | 16629 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.12 | 188 | 34643 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.31 | 240 | 29762 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.75 | 264 | 37990 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.38 | 112 | 6284 | 0.45 | ng | | 0.00 |
| 5) Phenol-d6 | 6.93 | 99 | 9674 | 0.46 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 82 | 7264 | 0.53 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.14 | 152 | 16124 | 0.39 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.88 | 330 | 1081 | 0.58 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.02 | 172 | 23632 | 0.36 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.15 | 212 | 131133 | 0.32 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.76 | 244 | 28058 | 0.39 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 3999 | 0.376 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.65 | 42 | 3272 | 0.378 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.18 | 93 | 7832 | 0.388 | ng | | 98 |
| 9) Naphthalene | 10.59 | 128 | 116910 | 0.385 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.89 | 225 | 4441 | 0.375 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.21 | 142 | 18524 | 0.391 | ng | | 95 |
| 16) Acenaphthylene | 14.11 | 152 | 25065 | 0.364 | ng | | 99 |
| 17) Acenaphthene | 14.46 | 154 | 17752 | 0.374 | ng | | 98 |
| 18) Fluorene | 15.42 | 166 | 21898 | 0.358 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.32 | 248 | 6368 | 0.375 | ng | # | 68 |
| 21) Hexachlorobenzene | 16.44 | 284 | 7094 | 0.384 | ng | | 100 |
| 22) Pentachlorophenol | 16.79 | 266 | 673 | 0.527 | ng | # | 79 |
| 23) Phenanthrene | 17.16 | 178 | 38877 | 0.370 | ng | | 99 |
| 24) Anthracene | 17.26 | 178 | 31768 | 0.362 | ng | | 98 |
| 26) Fluoranthene | 19.18 | 202 | 40107 | 0.320 | ng | | 100 |
| 28) Pyrene | 19.55 | 202 | 39960 | 0.413 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.28 | 228 | 36418 | 0.415 | ng | | 98 |
| 31) Chrysene | 21.34 | 228 | 39434 | 0.383 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.23 | 149 | 40857 | 0.652 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.32 | 276 | 40605 | 0.452 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.00 | 252 | 36827 | 0.354 | ng | | 100 |
| 36) Benzo(k)fluoranthene | 23.05 | 252 | 39841 | 0.342 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.63 | 252 | 31812 | 0.353 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 26.35 | 278 | 32057 | 0.358 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 27.10 | 276 | 35223 | 0.368 | ng | | 98 |

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

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