Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097628.D
Acq On : 22 Sep 2018 1:56
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
Sohil
9/24/2018 8:30:25 AM

Quant Time: Sep 22 04:54:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.38 | 152 | 681 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.13 | 136 | 3515 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.00 | 164 | 2447 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.75 | 188 | 7696 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 20.97 | 240 | 8324 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.21 | 264 | 8186 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.05 | 112 | 728 | 0.36 | ng | | 0.00 |
| 5) Phenol-d6 | 6.62 | 99 | 1083m | 0.42 | ng | | 0.01 |
| 8) Nitrobenzene-d5 | 8.54 | 82 | 874 | 0.32 | ng | | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.72 | 152 | 1973 | 0.41 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.53 | 330 | 390 | 0.42 | ng | | 0.01 |
| 15) 2-Fluorobiphenyl | 12.63 | 172 | 3162 | 0.37 | ng | | 0.01 |
| 25) Fluoranthene-d10 | 18.80 | 212 | 31890 | 0.32 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.42 | 244 | 6288 | 0.41 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.07 | 88 | 472 | 0.407 | ng | # | 87 |
| 3) n-Nitrosodimethylamine | 3.38 | 42 | 359m | 0.364 | ng | | |
| 6) bis(2-Chloroethyl)ether | 6.83 | 93 | 875 | 0.362 | ng | | 72 |
| 9) Naphthalene | 10.18 | 128 | 12373 | 0.391 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.46 | 225 | 578 | 0.396 | ng | | 96 |
| 12) 2-Methylnaphthalene | 11.80 | 142 | 2035 | 0.412 | ng | | 99 |
| 16) Acenaphthylene | 13.71 | 152 | 3808 | 0.394 | ng | | 100 |
| 17) Acenaphthene | 14.06 | 154 | 2599 | 0.401 | ng | | 97 |
| 18) Fluorene | 15.06 | 166 | 3563 | 0.421 | ng | # | 79 |
| 20) 4-Bromophenyl-phenylether | 15.96 | 248 | 1348 | 0.389 | ng | # | 84 |
| 21) Hexachlorobenzene | 16.07 | 284 | 1545 | 0.405 | ng | # | 85 |
| 22) Pentachlorophenol | 16.45 | 266 | 328m | 0.321 | ng | | |
| 23) Phenanthrene | 16.80 | 178 | 7043 | 0.385 | ng | | 98 |
| 24) Anthracene | 16.89 | 178 | 5807 | 0.360 | ng | | 96 |
| 26) Fluoranthene | 18.83 | 202 | 8385 | 0.331 | ng | | 99 |
| 28) Pyrene | 19.20 | 202 | 8472 | 0.447 | ng | | 100 |
| 30) Benzo(a)anthracene | 20.96 | 228 | 7193 | 0.343 | ng | | 97 |
| 31) Chrysene | 21.00 | 228 | 9292 | 0.413 | ng | | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 20.89 | 149 | 9737m | 0.287 | ng | | |
| 33) Indeno(1,2,3-cd)pyrene | 25.51 | 276 | 10567 | 0.390 | ng | # | 93 |
| 35) Benzo(b)fluoranthene | 22.53 | 252 | 7577 | 0.361 | ng | # | 90 |
| 36) Benzo(k)fluoranthene | 22.58 | 252 | 9871 | 0.412 | ng | | 94 |
| 37) Benzo(a)pyrene | 23.11 | 252 | 7948 | 0.391 | ng | # | 93 |
| 38) Dibenzo(a,h)anthracene | 25.52 | 278 | 8563 | 0.389 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 26.21 | 276 | 8350 | 0.390 | ng | # | 89 |

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

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