Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
Data File : BE091696.D
Acq On : 26 Apr 2016 9:10
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
sohil
4/27/2016 7:01:38 PM

Quant Time: Apr 26 09:56:47 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 18:55:38 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 38593 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.57 | 136 | 177148 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.42 | 164 | 104609 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.15 | 188 | 264506 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.31 | 240 | 340900 | 5.00 | ng | | 0.00 |
| 35) Perylene-d12 | 23.75 | 264 | 318834 | 5.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.39 | 112 | 3692 | 0.43 | ng | | -0.02 |
| 5) Phenol-d6 | 6.95 | 99 | 4818 | 0.42 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.95 | 82 | 4445 | 0.47 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.90 | 330 | 1322m | 0.57 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.03 | 172 | 11257 | 0.39 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.76 | 244 | 19819 | 0.37 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.33 | 88 | 2114 | 0.41 | ng | | 92 |
| 3) n-Nitrosodimethylamine | 3.63 | 42 | 2692 | 0.49 | ng | # | 94 |
| 6) bis(2-Chloroethyl)ether | 7.21 | 93 | 4315 | 0.42 | ng | # | 77 |
| 9) Nitrobenzene | 8.99 | 77 | 4521 | 0.48 | ng | | 96 |
| 10) Naphthalene | 10.61 | 128 | 13792 | 0.38 | ng | | 97 |
| 11) Hexachlorobutadiene | 10.92 | 225 | 2108m | 0.41 | ng | | |
| 12) 2-Methylnaphthalene | 12.23 | 142 | 8748 | 0.38 | ng | | 94 |
| 16) Acenaphthylene | 14.12 | 152 | 16688 | 0.40 | ng | # | 80 |
| 17) Acenaphthene | 14.47 | 154 | 9818 | 0.38 | ng | | 89 |
| 18) Fluorene | 15.46 | 166 | 12526 | 0.39 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.32 | 248 | 3706 | 0.41 | ng | | 96 |
| 21) Hexachlorobenzene | 16.46 | 284 | 3625 | 0.37 | ng | | 97 |
| 22) Pentachlorophenol | 16.79 | 266 | 2070 | 0.75 | ng | # | 90 |
| 23) Phenanthrene | 17.18 | 178 | 23655 | 0.40 | ng | | 99 |
| 24) Anthracene | 17.27 | 178 | 21090 | 0.40 | ng | | 99 |
| 25) Fluoranthene | 19.19 | 202 | 25794 | 0.44 | ng | | 98 |
| 27) Benzidine | 19.38 | 184 | 5058 | 0.43 | ng | # | 81 |
| 28) Pyrene | 19.55 | 202 | 28831 | 0.37 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.29 | 228 | 33634m | 0.41 | ng | | |
| 31) 3,3'-Dichlorobenzidine | 21.22 | 252 | 16734 | 0.55 | ng | # | 79 |
| 32) Chrysene | 21.33 | 228 | 34741m | 0.38 | ng | | |
| 33) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 10756 | 0.78 | ng | # | 57 |
| 34) Indeno(1,2,3-cd)pyrene | 26.30 | 276 | 29943 | 0.37 | ng | | 97 |
| 36) Benzo(b)fluoranthene | 23.00 | 252 | 28764 | 0.38 | ng | | 97 |
| 37) Benzo(k)fluoranthene | 23.04 | 252 | 27623 | 0.37 | ng | | 99 |
| 38) Benzo(a)pyrene | 23.63 | 252 | 26384 | 0.40 | ng | | 99 |
| 39) Dibenzo(a,h)anthracene | 26.33 | 278 | 24573 | 0.36 | ng | | 98 |
| 40) Benzo(g,h,i)perylene | 27.10 | 276 | 24846 | 0.36 | ng | | 95 |

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

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