Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
Data File : BE092049.D
Acq On : 27 Jul 2016 10:06
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC0.1

**Manual Integrations APPROVED**
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7/28/2016 4:59:39 PM

Quant Time: Jul 27 13:40:34 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 12:50:07 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.18 | 152 | 9095 | 5.00 | ng | | -0.02 |
| 8) Naphthalene-d8 | 10.99 | 136 | 40015 | 5.00 | ng | | 0.00 |
| 15) Acenaphthene-d10 | 14.86 | 164 | 18607 | 5.00 | ng | | 0.00 |
| 24) Phenanthrene-d10 | 17.59 | 188 | 57950 | 5.00 | ng | | 0.01 |
| 31) Chrysene-d12 | 21.76 | 240 | 72949 | 5.00 | ng | | 0.00 |
| 40) Perylene-d12 | 24.16 | 264 | 68680 | 5.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.70 | 112 | 216 | 0.11 | ng | | -0.02 |
| 5) Phenol-d6 | 7.35 | 99 | 300 | 0.11 | ng | | 0.00 |
| 9) Nitrobenzene-d5 | 9.36 | 82 | 362 | 0.11 | ng | | 0.00 |
| 16) 2,4,6-Tribromophenol | 16.35 | 330 | 71 | 0.12 | ng | | 0.00 |
| 17) 2-Fluorobiphenyl | 13.47 | 172 | 851 | 0.11 | ng | | 0.00 |
| 34) Terphenyl-d14 | 20.22 | 244 | 2082 | 0.14 | ng | | 0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.45 | 88 | 181 | 0.12 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.82 | 42 | 163 | 0.12 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 7.61 | 93 | 265 | 0.11 | ng | | 95 |
| 7) n-Nitroso-di-n-propylamine | 9.00 | 70 | 214 | 0.11 | ng | # | 86 |
| 10) Nitrobenzene | 9.42 | 77 | 266 | 0.10 | ng | | 96 |
| 11) bis(2-Chloroethoxy)methane | 10.42 | 93 | 314 | 0.11 | ng | # | 94 |
| 12) Naphthalene | 11.04 | 128 | 1030 | 0.11 | ng | # | 85 |
| 13) Hexachlorobutadiene | 11.32 | 225 | 160 | 0.11 | ng | # | 99 |
| 14) 2-Methylnaphthalene | 12.68 | 142 | 628 | 0.11 | ng | # | 89 |
| 18) Acenaphthylene | 14.56 | 152 | 4830 | 0.11 | ng | | 99 |
| 19) 2,6-Dinitrotoluene | 14.44 | 165 | 470 | 0.11 | ng | # | 100 |
| 20) Acenaphthene | 14.92 | 154 | 622 | 0.11 | ng | # | 1 |
| 21) 2,4-Dinitrotoluene | 15.25 | 165 | 402 | 0.11 | ng | # | 1 |
| 22) Fluorene | 15.90 | 166 | 872 | 0.11 | ng | | 100 |
| 23) 4-Chlorophenyl-phenylether | 15.90 | 204 | 460 | 0.11 | ng | # | 15 |
| 25) 4-Bromophenyl-phenylether | 16.78 | 248 | 281 | 0.11 | ng | | 97 |
| 26) Hexachlorobenzene | 16.90 | 284 | 288 | 0.11 | ng | | 93 |
| 28) Phenanthrene | 17.63 | 178 | 1785 | 0.11 | ng | | 97 |
| 29) Anthracene | 17.72 | 178 | 1517 | 0.11 | ng | | 100 |
| 30) Fluoranthene | 19.63 | 202 | 8509 | 0.13 | ng | # | 67 |
| 32) Benzidine | 19.86 | 184 | 212 | 0.09 | ng | # | 51 |
| 33) Pyrene | 19.99 | 202 | 9616 | 0.11 | ng | | 100 |
| 35) Benzo(a)anthracene | 21.73 | 228 | 6696 | 0.15 | ng | | 98 |
| 36) 3,3'-Dichlorobenzidine | 21.67 | 252 | 344 | 0.09 | ng | # | 79 |
| 37) Chrysene | 21.79 | 228 | 8313m | 0.17 | ng | | |
| 38) Bis(2-ethylhexyl)phthalate | 21.64 | 149 | 15362 | 0.17 | ng | # | 99 |
| 39) Indeno(1,2,3-cd)pyrene | 26.67 | 276 | 8212 | 0.10 | ng | | 99 |
| 41) Benzo(b)fluoranthene | 23.42 | 252 | 5371 | 0.16 | ng | | 95 |
| 42) Benzo(k)fluoranthene | 23.47 | 252 | 4894 | 0.16 | ng | | 98 |
| 43) Benzo(a)pyrene | 24.05 | 252 | 3065 | 0.14 | ng | | 96 |
| 44) Dibenzo(a,h)anthracene | 26.70 | 278 | 1633 | 0.11 | ng | # | 88 |
| 45) Benzo(g,h,i)perylene | 27.45 | 276 | 7077 | 0.11 | ng | # | 88 |

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

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