Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
Data File : BE092975.D
Acq On : 10 May 2017 9:46
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
5/11/2017 8:33:11 AM

Quant Time: May 10 11:38:15 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 03:43:15 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 781 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.53 | 136 | 3092 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.39 | 164 | 1504 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.13 | 188 | 3837 | 0.40 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.28 | 240 | 4004 | 0.40 | ng | | 0.00 |
| 33) Perylene-d12 | 23.69 | 264 | 3662 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.35 | 112 | 812 | 0.37 | ng | | 0.00 |
| 5) Phenol-d6 | 6.94 | 99 | 992 | 0.36 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 82 | 911 | 0.38 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.13 | 152 | 1649 | 0.38 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.88 | 330 | 132 | 0.34 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.01 | 172 | 2219 | 0.39 | ng | | 0.00 |
| 24) Fluoranthene-d10 | 19.15 | 212 | 3409 | 0.34 | ng | | 0.00 |
| 28) Terphenyl-d14 | 19.74 | 244 | 2325 | 0.38 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.31 | 88 | 604 | 0.37 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 521 | 0.39 | ng | | 98 |
| 6) bis(2-Chloroethyl)ether | 7.20 | 93 | 1002 | 0.38 | ng | # | 98 |
| 9) Naphthalene | 10.58 | 128 | 3175 | 0.38 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.89 | 225 | 446 | 0.38 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.19 | 142 | 1823 | 0.38 | ng | | 100 |
| 16) Acenaphthylene | 14.10 | 152 | 9149 | 0.36 | ng | | 100 |
| 17) Acenaphthene | 14.45 | 154 | 1805 | 0.38 | ng | | 98 |
| 18) Fluorene | 15.42 | 166 | 2168 | 0.38 | ng | | 99 |
| 20) Hexachlorobenzene | 16.47 | 284 | 610 | 0.34 | ng | # | 100 |
| 21) Pentachlorophenol | 16.79 | 266 | 188 | 0.45 | ng | # | 82 |
| 22) Phenanthrene | 17.18 | 178 | 3927 | 0.36 | ng | | 99 |
| 23) Anthracene | 17.27 | 178 | 2980 | 0.34 | ng | | 99 |
| 25) Fluoranthene | 19.17 | 202 | 17715 | 0.34 | ng | # | 99 |
| 27) Pyrene | 19.53 | 202 | 19913 | 0.37 | ng | # | 99 |
| 29) Benzo(a)anthracene | 21.25 | 228 | 3721 | 0.39 | ng | # | 84 |
| 30) Chrysene | 21.30 | 228 | 4784 | 0.37 | ng | # | 85 |
| 31) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 1619 | 0.44 | ng | | 100 |
| 32) Indeno(1,2,3-cd)pyrene | 26.22 | 276 | 17883 | 0.40 | ng | | 99 |
| 34) Benzo(b)fluoranthene | 22.95 | 252 | 3937 | 0.35 | ng | | 99 |
| 35) Benzo(k)fluoranthene | 22.99 | 252 | 4575m | 0.38 | ng | | |
| 36) Benzo(a)pyrene | 23.58 | 252 | 3798 | 0.36 | ng | | 99 |
| 37) Dibenzo(a,h)anthracene | 26.25 | 278 | 3748 | 0.36 | ng | | 98 |
| 38) Benzo(g,h,i)perylene | 27.00 | 276 | 16313 | 0.36 | ng | | 98 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
Data File : BE092975.D
Acq On : 10 May 2017 9:46
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 10 11:38:15 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 03:43:15 2017
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
mohammad
5/11/2017 8:33:11 AM