Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
Data File : BE091689.D
Acq On : 20 Apr 2016 17:36
Operator : UM/SJ
Sample : SSTDICC10
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC10

**Manual Integrations APPROVED**
Sohil
4/21/2016 10:35:24 AM

Quant Time: Apr 20 19:00:05 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 15:26:50 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 33342 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.57 | 136 | 165068 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.42 | 164 | 99670 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.15 | 188 | 257468 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.31 | 240 | 275293 | 5.00 | ng | | 0.00 |
| 35) Perylene-d12 | 23.75 | 264 | 255810 | 5.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.39 | 112 | 78727 | 10.85 | ng | | -0.02 |
| 5) Phenol-d6 | 6.95 | 99 | 115462 | 11.80 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.95 | 82 | 109771 | 12.97 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 0.00 | 330 | 0d | 0.00 | ng | | |
| 15) 2-Fluorobiphenyl | 13.03 | 172 | 270181 | 9.73 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.76 | 244 | 412418 | 10.99 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.35 | 88 | 34498 | 8.02 | ng | # | 88 |
| 3) n-Nitrosodimethylamine | 3.64 | 42 | 53835 | 11.26 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 7.21 | 93 | 95511 | 10.63 | ng | # | 76 |
| 10) Naphthalene | 10.63 | 128 | 326449 | 9.71 | ng | | 97 |
| 11) Hexachlorobutadiene | 10.92 | 225 | 47372m | 9.72 | ng | | |
| 12) 2-Methylnaphthalene | 12.24 | 142 | 220472 | 10.27 | ng | | 94 |
| 16) Acenaphthylene | 14.12 | 152 | 432619 | 11.79 | ng | # | 86 |
| 17) Acenaphthene | 14.47 | 154 | 247674 | 10.10 | ng | | 92 |
| 18) Fluorene | 15.46 | 166 | 307864 | 10.25 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.33 | 248 | 87161 | 9.77 | ng | | 96 |
| 21) Hexachlorobenzene | 16.46 | 284 | 86830 | 9.18 | ng | | 97 |
| 23) Phenanthrene | 17.18 | 178 | 522926 | 8.94 | ng | | 99 |
| 24) Anthracene | 17.28 | 178 | 521941 | 10.05 | ng | | 98 |
| 25) Fluoranthene | 19.19 | 202 | 580554 | 9.99 | ng | | 98 |
| 27) Benzidine | 19.38 | 184 | 282535 | 14.13 | ng | # | 76 |
| 28) Pyrene | 19.55 | 202 | 638786 | 11.61 | ng | | 98 |
| 30) Benzo(a)anthracene | 21.29 | 228 | 676797m | 10.60 | ng | | |
| 31) 3,3'-Dichlorobenzidine | 21.22 | 252 | 377304 | 15.09 | ng | # | 82 |
| 32) Chrysene | 21.33 | 228 | 687082m | 10.61 | ng | | |
| 34) Indeno(1,2,3-cd)pyrene | 26.31 | 276 | 684846 | 11.62 | ng | | 97 |
| 36) Benzo(b)fluoranthene | 23.00 | 252 | 614227m | 10.91 | ng | | |
| 37) Benzo(k)fluoranthene | 23.04 | 252 | 613134 | 10.26 | ng | | 97 |
| 38) Benzo(a)pyrene | 23.63 | 252 | 585521 | 11.15 | ng | | 97 |
| 39) Dibenzo(a,h)anthracene | 26.33 | 278 | 571835 | 11.15 | ng | | 97 |
| 40) Benzo(g,h,i)perylene | 27.10 | 276 | 581863 | 10.94 | ng | | 96 |

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

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