Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
Data File : BE090132.D
Acq On : 16 Jul 2015 23:18
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC010

Quant Time: Jul 17 04:11:51 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 00:07:21 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 15910 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.36 | 136 | 70058 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.22 | 164 | 37937 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 16.96 | 188 | 86426 | 5.00 | ng | | 0.00 |
| 25) Chrysene-d12 | 21.12 | 240 | 100663 | 5.00 | ng | | 0.00 |
| 32) Perylene-d12 | 23.44 | 264 | 80188 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.24 | 112 | 35530 | 10.52 | ng | | 0.00 |
| 5) Phenol-d6 | 6.79 | 99 | 52540 | 10.90 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.75 | 82 | 56200 | 10.99 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.73 | 330 | 11295 | 18.37 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 12.84 | 172 | 112979 | 9.92 | ng | | 0.00 |
| 27) Terphenyl-d14 | 19.58 | 244 | 166054 | 10.00 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.23 | 88 | 18084 | 8.67 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.52 | 42 | 24628 | 9.88 | ng | # | 93 |
| 8) Nitrobenzene | 8.79 | 77 | 59936 | 11.10 | ng | | 96 |
| 9) Naphthalene | 10.42 | 128 | 146621 | 9.45 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.71 | 225 | 24041 | 9.22 | ng | | 100 |
| 11) 2-Methylnaphthalene | 12.03 | 142 | 98114 | 9.82 | ng | | 99 |
| 15) Acenaphthylene | 13.94 | 152 | 677950 | 10.29 | ng | | 100 |
| 16) Acenaphthene | 14.28 | 154 | 93782 | 9.85 | ng | | 95 |
| 17) Fluorene | 15.28 | 166 | 123234 | 9.93 | ng | | 99 |
| 19) 4-Bromophenyl-phenylether | 16.16 | 248 | 35831 | 9.90 | ng | | 97 |
| 20) Hexachlorobenzene | 16.28 | 284 | 144396 | 9.23 | ng | | 99 |
| 21) Pentachlorophenol | 16.63 | 266 | 12384 | 21.53 | ng | | 91 |
| 22) Phenanthrene | 17.00 | 178 | 199563 | 9.41 | ng | | 100 |
| 23) Anthracene | 17.08 | 178 | 199310 | 10.57 | ng | | 100 |
| 24) Fluoranthene | 19.01 | 202 | 230539 | 10.93 | ng | | 99 |
| 26) Pyrene | 19.37 | 202 | 241105 | 9.10 | ng | | 99 |
| 28) Benzo(a)anthracene | 21.11 | 228 | 222131 | 12.89 | ng | | 100 |
| 29) Chrysene | 21.15 | 228 | 253501 | 8.69 | ng | | 99 |
| 34) Benzo(k)fluoranthene | 22.78 | 252 | 246601 | 14.45 | ng | | 96 |
| 35) Benzo(a)pyrene | 23.34 | 252 | 166924 | 18.63 | ng | # | 94 |
| 37) Benzo(g,h,i)perylene | 26.58 | 276 | 169458 | 18.13 | ng | | 93 |

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

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