Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
Data File : BE097350.D
Acq On : 22 Aug 2018 16:40
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC0.8

Quant Time: Aug 22 17:28:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 16:06:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.38 | 152 | 905 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.13 | 136 | 4207 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.00 | 164 | 2274 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 16.77 | 188 | 6052 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 20.97 | 240 | 7734 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.21 | 264 | 7124 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.04 | 112 | 2103 | 1.01 | ng | | -0.01 |
| 5) Phenol-d6 | 6.59 | 99 | 2802 | 0.91 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 8.51 | 82 | 2431 | 1.35 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.72 | 152 | 4691 | 0.82 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.52 | 330 | 591 | 1.58 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.62 | 172 | 6931 | 0.74 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.80 | 212 | 54487 | 1.01 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.42 | 244 | 11542 | 0.75 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.09 | 88 | 1301 | 0.907 | ng | # | 87 |
| 3) n-Nitrosodimethylamine | 3.37 | 42 | 1269 | 1.013 | ng | | 97 |
| 6) bis(2-Chloroethyl)ether | 6.83 | 93 | 2665 | 0.871 | ng | | 98 |
| 9) Naphthalene | 10.18 | 128 | 31002 | 0.804 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.47 | 225 | 1392 | 0.821 | ng | | 98 |
| 12) 2-Methylnaphthalene | 11.79 | 142 | 4865 | 0.838 | ng | | 98 |
| 16) Acenaphthylene | 13.73 | 152 | 7347 | 0.849 | ng | | 99 |
| 17) Acenaphthene | 14.07 | 154 | 4914 | 0.803 | ng | | 95 |
| 18) Fluorene | 15.06 | 166 | 6218 | 0.832 | ng | # | 80 |
| 20) 4-Bromophenyl-phenylether | 15.96 | 248 | 2261 | 0.828 | ng | # | 79 |
| 21) Hexachlorobenzene | 16.08 | 284 | 2502 | 0.682 | ng | # | 84 |
| 22) Pentachlorophenol | 16.43 | 266 | 620 | 1.723 | ng | # | 76 |
| 23) Phenanthrene | 16.80 | 178 | 11630 | 0.788 | ng | | 99 |
| 24) Anthracene | 16.89 | 178 | 9910 | 0.907 | ng | | 96 |
| 26) Fluoranthene | 18.83 | 202 | 14525 | 1.021 | ng | | 98 |
| 28) Pyrene | 19.20 | 202 | 14702 | 0.708 | ng | | 99 |
| 30) Benzo(a)anthracene | 20.95 | 228 | 15329 | 0.922 | ng | | 97 |
| 31) Chrysene | 21.00 | 228 | 16778 | 0.770 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 20.92 | 149 | 16812 | 1.661 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 25.49 | 276 | 18531 | 1.338 | ng | # | 93 |
| 35) Benzo(b)fluoranthene | 22.53 | 252 | 14969 | 0.797 | ng | # | 87 |
| 36) Benzo(k)fluoranthene | 22.58 | 252 | 17397 | 0.660 | ng | | 96 |
| 37) Benzo(a)pyrene | 23.11 | 252 | 14119 | 0.825 | ng | # | 92 |
| 38) Dibenzo(a,h)anthracene | 25.51 | 278 | 15819 | 1.082 | ng | # | 95 |
| 39) Benzo(g,h,i)perylene | 26.19 | 276 | 15953 | 1.082 | ng | # | 90 |

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

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