Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
Data File : BE096575.D
Acq On : 15 May 2018 11:36
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC1.6

Quant Time: May 15 12:15:51 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 11:46:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.35 | 152 | 653 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.18 | 136 | 2693 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.92 | 164 | 1587 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.64 | 188 | 3602 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.73 | 240 | 3551 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.33 | 264 | 3215 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.85 | 112 | 2977 | 1.47 | ng | | 0.00 |
| 5) Phenol-d6 | 7.50 | 99 | 4338 | 1.56 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.53 | 82 | 4868 | 1.54 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.72 | 152 | 7133 | 1.67 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.40 | 330 | 1208 | 1.58 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.56 | 172 | 11111 | 1.64 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.62 | 212 | 73520 | 1.50 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.18 | 244 | 13215 | 1.68 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.58 | 88 | 1545 | 1.532 | ng | # | 89 |
| 3) n-Nitrosodimethylamine | 3.94 | 42 | 2180 | 1.764 | ng | # | 76 |
| 6) bis(2-Chloroethyl)ether | 7.74 | 93 | 3892 | 1.587 | ng | | 96 |
| 9) Naphthalene | 11.22 | 128 | 45807 | 1.613 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.49 | 225 | 2608 | 2.072 | ng | # | 85 |
| 12) 2-Methylnaphthalene | 12.79 | 142 | 7992 | 1.701 | ng | | 94 |
| 16) Acenaphthylene | 14.66 | 152 | 14030 | 1.656 | ng | | 99 |
| 17) Acenaphthene | 14.99 | 154 | 8334 | 1.637 | ng | | 93 |
| 18) Fluorene | 15.96 | 166 | 10626 | 1.686 | ng | # | 78 |
| 20) 4-Bromophenyl-phenylether | 16.82 | 248 | 3707 | 1.732 | ng | # | 81 |
| 21) Hexachlorobenzene | 16.95 | 284 | 3695 | 1.733 | ng | # | 79 |
| 22) Pentachlorophenol | 17.30 | 266 | 948 | 1.351 | ng | # | 74 |
| 23) Phenanthrene | 17.67 | 178 | 16905 | 1.671 | ng | | 99 |
| 24) Anthracene | 17.77 | 178 | 15808 | 1.635 | ng | | 95 |
| 26) Fluoranthene | 19.65 | 202 | 20535 | 1.544 | ng | # | 97 |
| 28) Pyrene | 20.00 | 202 | 11524 | 1.648 | ng | | 97 |
| 30) Benzo(a)anthracene | 21.72 | 228 | 18285 | 1.606 | ng | | 96 |
| 31) Chrysene | 21.77 | 228 | 18317 | 1.665 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.58 | 149 | 37880 | 1.289 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 27.10 | 276 | 17951 | 1.683 | ng | # | 93 |
| 35) Benzo(b)fluoranthene | 23.52 | 252 | 16595 | 1.721 | ng | # | 87 |
| 36) Benzo(k)fluoranthene | 23.57 | 252 | 17235 | 1.737 | ng | | 96 |
| 37) Benzo(a)pyrene | 24.21 | 252 | 15693 | 1.693 | ng | # | 93 |
| 38) Dibenzo(a,h)anthracene | 27.11 | 278 | 14515 | 1.776 | ng | # | 96 |
| 39) Benzo(g,h,i)perylene | 27.96 | 276 | 14975 | 1.732 | ng | # | 89 |

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

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