Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE040218\
Data File : BE095927.D
Acq On : 2 Apr 2018 14:57
Operator : SJ/JU
Sample : J2116-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SY-3D-20180327MSD

Quant Time: Apr 03 03:50:17 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.42 | 152 | 860 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.26 | 136 | 3315 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.99 | 164 | 1887 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.70 | 188 | 4241 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.79 | 240 | 4743 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 24.42 | 264 | 4795 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.91 | 112 | 639 | 0.23 | ng | | 0.00 |
| 5) Phenol-d6 | 7.56 | 99 | 595 | 0.15 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.59 | 82 | 2203 | 0.56 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.79 | 152 | 3021 | 0.55 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 16.46 | 330 | 571 | 0.52 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.63 | 172 | 5089 | 0.64 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.68 | 212 | 33155 | 0.53 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.24 | 244 | 6755 | 0.67 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.63 | 88 | 987 | 0.701 | ng | # | 81 |
| 3) n-Nitrosodimethylamine | 3.98 | 42 | 365 | 0.177 | ng | # | 80 |
| 6) bis(2-Chloroethyl)ether | 7.81 | 93 | 1684 | 0.501 | ng | | 94 |
| 9) Naphthalene | 11.30 | 128 | 20501 | 0.541 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.55 | 225 | 1168 | 0.449 | ng | | 95 |
| 12) 2-Methylnaphthalene | 12.86 | 142 | 3681 | 0.569 | ng | | 98 |
| 16) Acenaphthylene | 14.73 | 152 | 5580 | 0.517 | ng | | 98 |
| 17) Acenaphthene | 15.06 | 154 | 3279 | 0.498 | ng | | 94 |
| 18) Fluorene | 16.02 | 166 | 4397 | 0.508 | ng | # | 78 |
| 20) 4-Bromophenyl-phenylether | 16.89 | 248 | 1438 | 0.564 | ng | # | 81 |
| 21) Hexachlorobenzene | 17.02 | 284 | 1369 | 0.538 | ng | # | 80 |
| 22) Pentachlorophenol | 17.36 | 266 | 1024 | 1.196 | ng | # | 75 |
| 23) Phenanthrene | 17.74 | 178 | 7164 | 0.564 | ng | | 98 |
| 24) Anthracene | 17.82 | 178 | 7318 | 0.576 | ng | # | 95 |
| 26) Fluoranthene | 19.71 | 202 | 9252 | 0.525 | ng | | 97 |
| 28) Pyrene | 20.06 | 202 | 9673 | 0.501 | ng | # | 90 |
| 30) Benzo(a)anthracene | 21.78 | 228 | 9070 | 0.551 | ng | | 97 |
| 31) Chrysene | 21.83 | 228 | 8527 | 0.568 | ng | | 94 |
| 32) Bis(2-ethylhexyl)phthalate | 21.64 | 149 | 28667 | 0.570 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 27.23 | 276 | 9633 | 0.596 | ng | | 95 |
| 35) Benzo(b)fluoranthene | 23.61 | 252 | 8820 | 0.556 | ng | # | 94 |
| 36) Benzo(k)fluoranthene | 23.66 | 252 | 8572 | 0.540 | ng | # | 91 |
| 37) Benzo(a)pyrene | 24.30 | 252 | 8435 | 0.567 | ng | # | 94 |
| 38) Dibenzo(a,h)anthracene | 27.24 | 278 | 7915 | 0.560 | ng | | 97 |
| 39) Benzo(g,h,i)perylene | 28.11 | 276 | 8158 | 0.575 | ng | # | 90 |

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

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