Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082916\
Data File : BE092298.D
Acq On : 29 Aug 2016 20:45
Operator : UM/SJ
Sample : H4585-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
TILCON-MH-DGA-005MSD

**Manual Integrations APPROVED**
sohil
8/30/2016 4:48:31 PM

Quant Time: Aug 30 01:03:04 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 18:19:23 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.19 | 152 | 14345 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.95 | 136 | 64393 | 5.00 | ng | | -0.02 |
| 12) Acenaphthene-d10 | 14.83 | 164 | 33413 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.58 | 188 | 74477 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.75 | 240 | 101702 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 24.12 | 264 | 104484 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.68 | 112 | 22624 | 7.03 | ng | | -0.02 |
| 5) Phenol-d6 | 7.33 | 99 | 29662 | 7.00 | ng | | -0.05 |
| 8) Nitrobenzene-d5 | 9.34 | 82 | 14179 | 3.37 | ng | | -0.02 |
| 13) 2,4,6-Tribromophenol | 16.31 | 330 | 6356 | 7.02 | ng | | -0.02 |
| 14) 2-Fluorobiphenyl | 13.45 | 172 | 29680 | 2.83 | ng | | -0.01 |
| 26) Terphenyl-d14 | 20.17 | 244 | 36414 | 2.65 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.43 | 88 | 4255 | 2.34 | ng | # | 84 |
| 3) n-Nitrosodimethylamine | 3.77 | 42 | 7960 | 3.75 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.59 | 93 | 11859 | 3.59 | ng | | 94 |
| 9) Naphthalene | 11.01 | 128 | 38736 | 2.70 | ng | | 95 |
| 10) Hexachlorobutadiene | 11.30 | 225 | 5853 | 2.69 | ng | | 98 |
| 11) 2-Methylnaphthalene | 12.64 | 142 | 26153 | 2.95 | ng | | 93 |
| 15) Acenaphthylene | 14.54 | 152 | 156198 | 2.73 | ng | | 99 |
| 16) Acenaphthene | 14.88 | 154 | 24116 | 2.58 | ng | | 98 |
| 17) Fluorene | 15.87 | 166 | 30431 | 2.70 | ng | | 100 |
| 19) Hexachlorobenzene | 16.89 | 284 | 8766 | 2.86 | ng | # | 100 |
| 20) Pentachlorophenol | 17.23 | 266 | 5568 | 4.74 | ng | # | 80 |
| 21) Phenanthrene | 17.60 | 178 | 47441m | 2.71 | ng | | |
| 22) Anthracene | 17.69 | 178 | 44788 | 2.78 | ng | | 99 |
| 23) Fluoranthene | 19.61 | 202 | 228978 | 2.92 | ng | | 98 |
| 25) Pyrene | 19.97 | 202 | 252228 | 2.68 | ng | | 100 |
| 27) Benzo(a)anthracene | 21.72 | 228 | 293802m | 2.76 | ng | | |
| 28) Chrysene | 21.77 | 228 | 242648m | 2.54 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.63 | 149 | 26780 | 4.01 | ng | # | 47 |
| 30) Indeno(1,2,3-cd)pyrene | 26.61 | 276 | 344772 | 3.55 | ng | | 99 |
| 32) Benzo(b)fluoranthene | 23.38 | 252 | 74500 | 3.01 | ng | | 97 |
| 33) Benzo(k)fluoranthene | 23.43 | 252 | 72698 | 2.59 | ng | | 96 |
| 34) Benzo(a)pyrene | 24.01 | 252 | 74671 | 3.01 | ng | | 95 |
| 35) Dibenzo(a,h)anthracene | 26.63 | 278 | 70638 | 3.25 | ng | # | 93 |
| 36) Benzo(g,h,i)perylene | 27.38 | 276 | 301460 | 3.10 | ng | | 94 |

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

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