Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101818\
Data File : BE097973.D
Acq On : 18 Oct 2018 12:29
Operator : SJ/JU
Sample : J5521-12MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** AOC5-01MS

**Manual Integrations APPROVED**
Sohil
10/19/2018 3:59:15 PM

Quant Time: Oct 19 01:23:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.87 | 152 | 2213 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.68 | 136 | 9501 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.54 | 164 | 5721 | 0.40 | ng | | -0.02 |
| 19) Phenanthrene-d10 | 17.29 | 188 | 15947 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.47 | 240 | 22582 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 24.03 | 264 | 22238 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.47 | 112 | 2662 | 0.38 | ng | | 0.00 |
| 5) Phenol-d6 | 7.04 | 99 | 3901 | 0.38 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 9.03 | 82 | 3253 | 0.36 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.28 | 152 | 5361m | 0.34 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 990 | 0.32 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.16 | 172 | 7976 | 0.34 | ng | | -0.02 |
| 25) Fluoranthene-d10 | 19.32 | 212 | 81452 | 0.38 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.92 | 244 | 15989 | 0.31 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.38 | 88 | 969 | 0.251 | ng | # | 77 |
| 3) n-Nitrosodimethylamine | 3.68 | 42 | 1504 | 0.349 | ng | # | 78 |
| 6) bis(2-Chloroethyl)ether | 7.30 | 93 | 3045 | 0.348 | ng | | 98 |
| 9) Naphthalene | 10.73 | 128 | 40034 | 0.423 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.02 | 225 | 1815 | 0.356 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.35 | 142 | 7033 | 0.434 | ng | | 97 |
| 16) Acenaphthylene | 14.27 | 152 | 11124 | 0.421 | ng | | 99 |
| 17) Acenaphthene | 14.61 | 154 | 6466 | 0.400 | ng | | 100 |
| 18) Fluorene | 15.59 | 166 | 9259 | 0.417 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.48 | 248 | 3075 | 0.353 | ng | # | 86 |
| 21) Hexachlorobenzene | 16.60 | 284 | 2931 | 0.342 | ng | | 98 |
| 22) Pentachlorophenol | 16.95 | 266 | 1052 | 0.490 | ng | | 93 |
| 23) Phenanthrene | 17.33 | 178 | 20987 | 0.518 | ng | | 99 |
| 24) Anthracene | 17.42 | 178 | 16614 | 0.434 | ng | | 100 |
| 26) Fluoranthene | 19.35 | 202 | 30857 | 0.580 | ng | | 98 |
| 28) Pyrene | 19.71 | 202 | 30985 | 0.476 | ng | | 98 |
| 30) Benzo(a)anthracene | 21.46 | 228 | 30600 | 0.442 | ng | | 98 |
| 31) Chrysene | 21.51 | 228 | 28144 | 0.429 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.39 | 149 | 61102 | 0.371 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.72 | 276 | 26438 | 0.351 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.24 | 252 | 26874 | 0.420 | ng | # | 92 |
| 36) Benzo(k)fluoranthene | 23.30 | 252 | 26007 | 0.390 | ng | # | 95 |
| 37) Benzo(a)pyrene | 23.91 | 252 | 25903 | 0.415 | ng | # | 92 |
| 38) Dibenzo(a,h)anthracene | 26.74 | 278 | 21329 | 0.349 | ng | | 95 |
| 39) Benzo(g,h,i)perylene | 27.55 | 276 | 22458 | 0.359 | ng | | 93 |

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

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