Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
Data File : BE098337.D
Acq On : 11 Dec 2018 17:43
Operator : SJ/JU
Sample : J6259-08MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
BPS1-TT-MW306I-20181205MSD

**Manual Integrations APPROVED**
Sohil
12/12/2018 5:28:36 PM

Quant Time: Dec 12 11:40:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 1383 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.67 | 136 | 5592 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.53 | 164 | 3375 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.27 | 188 | 8582 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.46 | 240 | 10588 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.01 | 264 | 10112 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.46 | 112 | 600 | 0.19 | ng | | 0.01 |
| 5) Phenol-d6 | 7.05 | 99 | 501 | 0.11 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.03 | 82 | 2196 | 0.43 | ng | | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.27 | 152 | 3455m | 0.38 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.02 | 330 | 559 | 0.45 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.15 | 172 | 7391 | 0.52 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.31 | 212 | 49768 | 0.45 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.90 | 244 | 12250 | 0.48 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.37 | 88 | 2165 | 0.905 | ng | # | 90 |
| 3) n-Nitrosodimethylamine | 3.69 | 42 | 244 | 0.113 | ng | # | 100 |
| 6) bis(2-Chloroethyl)ether | 7.29 | 93 | 1517 | 0.348 | ng | | 88 |
| 9) Naphthalene | 10.71 | 128 | 24450 | 0.434 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.99 | 225 | 1323 | 0.369 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.34 | 142 | 4197 | 0.459 | ng | | 96 |
| 16) Acenaphthylene | 14.24 | 152 | 6788 | 0.429 | ng | | 100 |
| 17) Acenaphthene | 14.59 | 154 | 3869 | 0.407 | ng | | 99 |
| 18) Fluorene | 15.57 | 166 | 5441 | 0.428 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.47 | 248 | 1867 | 0.404 | ng | # | 81 |
| 21) Hexachlorobenzene | 16.58 | 284 | 1954 | 0.393 | ng | | 94 |
| 22) Pentachlorophenol | 16.93 | 266 | 689 | 0.765 | ng | | 94 |
| 23) Phenanthrene | 17.32 | 178 | 9269 | 0.444 | ng | | 99 |
| 24) Anthracene | 17.41 | 178 | 8269 | 0.445 | ng | | 99 |
| 26) Fluoranthene | 19.34 | 202 | 12816 | 0.464 | ng | | 100 |
| 28) Pyrene | 19.70 | 202 | 13184 | 0.397 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.44 | 228 | 13868 | 0.460 | ng | | 98 |
| 31) Chrysene | 21.50 | 228 | 13706 | 0.434 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.37 | 149 | 42554 | 0.695 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.70 | 276 | 14027 | 0.446 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 23.22 | 252 | 12451 | 0.450 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.28 | 252 | 14711 | 0.457 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.89 | 252 | 12825 | 0.449 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 26.72 | 278 | 11750 | 0.437 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 27.52 | 276 | 12035 | 0.444 | ng | | 98 |

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

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