Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE113018\
Data File : BE098284.D
Acq On : 30 Nov 2018 12:26
Operator : SJ/JU
Sample : J6047-02MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** EP2-MW-101MS

**Manual Integrations APPROVED**
mohammad
12/3/2018 3:33:50 PM

Quant Time: Nov 30 14:11:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 13:50:43 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.88 | 152 | 1249 | 0.40 | ng | 0.01 |
| 7) Naphthalene-d8 | 10.68 | 136 | 5173 | 0.40 | ng | 0.01 |
| 13) Acenaphthene-d10 | 14.54 | 164 | 3088 | 0.40 | ng | 0.01 |
| 19) Phenanthrene-d10 | 17.29 | 188 | 7789 | 0.40 | ng | 0.01 |
| 27) Chrysene-d12 | 21.48 | 240 | 10375 | 0.40 | ng | 0.01 |
| 34) Perylene-d12 | 24.02 | 264 | 9943 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.47 | 112 | 992 | 0.30 | ng | 0.03 |
| 5) Phenol-d6 | 7.06 | 99 | 987 | 0.21 | ng | 0.01 |
| 8) Nitrobenzene-d5 | 9.04 | 82 | 2300 | 0.44 | ng | 0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.28 | 152 | 3978m | 0.47 | ng | 0.01 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 691 | 0.47 | ng | 0.01 |
| 15) 2-Fluorobiphenyl | 13.16 | 172 | 7385 | 0.58 | ng | 0.01 |
| 25) Fluoranthene-d10 | 19.32 | 212 | 55666 | 0.53 | ng | 0.01 |
| 29) Terphenyl-d14 | 19.91 | 244 | 12156 | 0.52 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.37 | 88 | 895 | 0.405 | ng | # 61 |
| 3) n-Nitrosodimethylamine | 3.70 | 42 | 710 | 0.296 | ng | # 100 |
| 6) bis(2-Chloroethyl)ether | 7.30 | 93 | 1752 | 0.405 | ng | 93 |
| 9) Naphthalene | 10.73 | 128 | 24954 | 0.480 | ng | 100 |
| 10) Hexachlorobutadiene | 11.02 | 225 | 1269 | 0.381 | ng | 97 |
| 12) 2-Methylnaphthalene | 12.35 | 142 | 4234 | 0.491 | ng | 96 |
| 16) Acenaphthylene | 14.27 | 152 | 7071 | 0.491 | ng | 99 |
| 17) Acenaphthene | 14.60 | 154 | 4093 | 0.477 | ng | 98 |
| 18) Fluorene | 15.58 | 166 | 5787 | 0.508 | ng | 100 |
| 20) 4-Bromophenyl-phenylether | 16.48 | 248 | 2008 | 0.456 | ng | 93 |
| 21) Hexachlorobenzene | 16.59 | 284 | 2066 | 0.453 | ng | 96 |
| 22) Pentachlorophenol | 16.95 | 266 | 1502 | 0.914 | ng | 91 |
| 23) Phenanthrene | 17.33 | 178 | 10393 | 0.537 | ng | 99 |
| 24) Anthracene | 17.42 | 178 | 9429 | 0.523 | ng | 99 |
| 26) Fluoranthene | 19.35 | 202 | 14358 | 0.544 | ng | 99 |
| 28) Pyrene | 19.71 | 202 | 14733 | 0.513 | ng | 98 |
| 30) Benzo(a)anthracene | 21.45 | 228 | 16406 | 0.537 | ng | 99 |
| 31) Chrysene | 21.51 | 228 | 15137 | 0.488 | ng | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.37 | 149 | 40351 | 0.551 | ng | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.72 | 276 | 16427 | 0.524 | ng | 99 |
| 35) Benzo(b)fluoranthene | 23.24 | 252 | 15322m | 0.526 | ng | |
| 36) Benzo(k)fluoranthene | 23.29 | 252 | 16045 | 0.524 | ng | 99 |
| 37) Benzo(a)pyrene | 23.90 | 252 | 14686 | 0.523 | ng | 99 |
| 38) Dibenzo(a,h)anthracene | 26.74 | 278 | 13507 | 0.507 | ng | 97 |
| 39) Benzo(g,h,i)perylene | 27.54 | 276 | 14090 | 0.528 | ng | 99 |

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

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