Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
Data File : BE101264.D
Acq On : 9 Apr 2021 6:21
Operator : CG/JU
Sample : M1966-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
MW-110RR

**Manual Integrations APPROVED**
mohammad
4/9/2021 11:19:37 AM

Quant Time: Apr 09 07:04:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:22:45 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.839 | 152 | 3023 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.614 | 136 | 16101 | 0.40 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.442 | 164 | 15992 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.211 | 188 | 36882 | 0.40 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.365 | 240 | 30526 | 0.40 | ng | # | 0.01 |
| 36) Perylene-d12 | 23.841 | 264 | 25364 | 0.40 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.409 | 112 | 2523 | 0.35 | ng | | -0.01 |
| 5) Phenol-d6 | 6.998 | 99 | 1081 | 0.10 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.977 | 82 | 5063 | 0.42 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.195 | 152 | 9321m | 0.25 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.956 | 330 | 1216 | 0.28 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.074 | 172 | 14122 | 0.25 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.215 | 212 | 173393 | 0.27 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.818 | 244 | 38830 | 0.47 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.370 | 88 | 936 | 0.20 | ng | # | 1 |
| 9) Naphthalene | 10.666 | 128 | 1286776 | 7.35 | ng | | 100 |
| 12) 2-Methylnaphthalene | 12.267 | 142 | 4696 | 0.15 | ng | # | 91 |
| 16) Acenaphthylene | 14.169 | 152 | 11241 | 0.18 | ng | # | 73 |
| 17) Acenaphthene | 14.515 | 154 | 16868 | 0.36 | ng | | 94 |
| 18) Fluorene | 15.503 | 166 | 24795 | 0.40 | ng | | 98 |
| 24) Pentachlorophenol | 16.863 | 266 | 268 | 0.04 | ng | # | 77 |
| 25) Phenanthrene | 17.241 | 178 | 81680m | 0.75 | ng | | |
| 26) Anthracene | 17.332 | 178 | 61838 | 0.66 | ng | | 98 |
| 28) Fluoranthene | 19.249 | 202 | 78157 | 0.55 | ng | | 98 |
| 30) Pyrene | 19.605 | 202 | 64551 | 0.59 | ng | | 98 |
| 32) Benzo(a)anthracene | 21.341 | 228 | 22707 | 0.26 | ng | # | 91 |
| 33) Chrysene | 21.401 | 228 | 19658 | 0.19 | ng | # | 90 |
| 34) Bis(2-ethylhexyl)phtha... | 21.280 | 149 | 20342 | 0.33 | ng | | 97 |
| 35) Indeno(1,2,3-cd)pyrene | 26.448 | 276 | 11332 | 0.15 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.078 | 252 | 17251 | 0.21 | ng | # | 87 |
| 38) Benzo(k)fluoranthene | 23.128 | 252 | 13937 | 0.15 | ng | # | 84 |
| 39) Benzo(a)pyrene | 23.727 | 252 | 12846 | 0.18 | ng | # | 84 |
| 40) Dibenzo(a,h)anthracene | 26.477 | 278 | 7913 | 0.12 | ng | # | 85 |
| 41) Benzo(g,h,i)perylene | 27.251 | 276 | 10281 | 0.14 | ng | # | 90 |

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

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