Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001037.D
Acq On : 12 Nov 2019 01:38
Operator : JU
Sample : K5777-03DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** AOC-7-MIDDLE-(10)DL

**Manual Integrations APPROVED**
mohammad
11/12/2019 5:05:07 PM

Quant Time: Nov 12 10:40:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.38 | 152 | 228710 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.42 | 136 | 794488 | 20.00 | ng | | 0.01 |
| 39) Acenaphthene-d10 | 13.27 | 164 | 439069 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 15.67 | 188 | 769274 | 20.00 | ng | | 0.02 |
| 76) Chrysene-d12 | 19.32 | 240 | 582269 | 20.00 | ng | | 0.02 |
| 87) Perylene-d12 | 21.10 | 264 | 545094 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.30 | 112 | 239894 | 19.09 | ng | | 0.00 |
| 7) Phenol-d6 | 7.81 | 99 | 315080 | 19.83 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.25 | 82 | 171136 | 11.92 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 14.57 | 330 | 85800 | 16.37 | ng | | 0.01 |
| 45) 2-Fluorobiphenyl | 12.18 | 172 | 326673 | 11.21 | ng | | 0.00 |
| 79) Terphenyl-d14 | 17.95 | 244 | 359940 | 12.30 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 10.48 | 128 | 19056559 | 480.082 | ng | # | 90 |
| 37) 2-Methylnaphthalene | 11.59 | 142 | 5190954 | 186.838 | ng | | 96 |
| 38) 1-Methylnaphthalene | 11.75 | 142 | 4713996 | 179.567 | ng | | 98 |
| 46) 1,1'-Biphenyl | 12.35 | 154 | 1261085 | 38.412 | ng | | 98 |
| 49) Acenaphthylene | 13.05 | 152 | 2125190 | 52.893 | ng | # | 95 |
| 52) Acenaphthene | 13.34 | 154 | 2305407 | 95.934 | ng | | 96 |
| 55) Dibenzofuran | 13.62 | 168 | 969446 | 25.828 | ng | # | 89 |
| 58) Fluorene | 14.20 | 166 | 4633827 | 155.121 | ng | | 96 |
| 71) Phenanthrene | 15.75 | 178 | 17140109m | 435.334 | ng | | |
| 72) Anthracene | 15.81 | 178 | 4792527 | 124.779 | ng | | 98 |
| 73) Carbazole | 16.03 | 167 | 132875 | 3.773 | ng | # | 80 |
| 75) Fluoranthene | 17.43 | 202 | 6806679 | 152.950 | ng | | 98 |
| 78) Pyrene | 17.75 | 202 | 9800894 | 238.178 | ng | | 95 |
| 81) Benzo(a)anthracene | 19.31 | 228 | 3812205 | 97.212 | ng | | 94 |
| 83) Chrysene | 19.36 | 228 | 3115012 | 90.477 | ng | | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 22.77 | 276 | 694702m | 14.747 | ng | | |
| 88) Benzo(b)fluoranthene | 20.62 | 252 | 2214128m | 68.143 | ng | | |
| 89) Benzo(k)fluoranthene | 20.64 | 252 | 538319m | 17.600 | ng | | |
| 90) Benzo(a)pyrene | 21.04 | 252 | 2162019 | 72.362 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 22.79 | 278 | 230907 | 7.572 | ng | | 94 |
| 92) Benzo(g,h,i)perylene | 23.27 | 276 | 622408 | 20.271 | ng | | 95 |

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

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