Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110819\
Data File : BE100717.D
Acq On : 8 Nov 2019 14:57
Operator : JU
Sample : K5725-04DL2 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SO-4DL2

**Manual Integrations APPROVED**
mohammad
11/11/2019 8:09:55 AM

Quant Time: Nov 08 15:42:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.85 | 152 | 2231 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.64 | 136 | 10841 | 0.40 | ng | | 0.01 |
| 13) Acenaphthene-d10 | 14.47 | 164 | 7676 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.20 | 188 | 16166 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.37 | 240 | 17104 | 0.40 | ng | | 0.01 |
| 34) Perylene-d12 | 23.85 | 264 | 19350 | 0.40 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.45 | 112 | 42 | 0.01 | ng | | 0.01 |
| 5) Phenol-d6 | 7.03 | 99 | 70 | 0.01 | ng | | 0.02 |
| 8) Nitrobenzene-d5 | 8.99 | 82 | 498 | 0.07 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.24 | 152 | 222 | 0.01 | ng | | 0.01 |
| 14) 2,4,6-Tribromophenol | 15.96 | 330 | 9 | 0.00 | ng | | 0.01 |
| 15) 2-Fluorobiphenyl | 13.10 | 172 | 76 | 0.00 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.22 | 212 | 1221 | 0.01 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.82 | 244 | 381 | 0.01 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Naphthalene | 10.68 | 128 | 33361 | 0.293 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.30 | 142 | 10187 | 0.524 | ng | # | 89 |
| 16) Acenaphthylene | 14.20 | 152 | 7928 | 0.240 | ng | # | 79 |
| 17) Acenaphthene | 14.54 | 154 | 3966 | 0.186 | ng | # | 64 |
| 18) Fluorene | 15.51 | 166 | 6846 | 0.241 | ng | # | 62 |
| 23) Phenanthrene | 17.24 | 178 | 57219 | 1.287 | ng | # | 94 |
| 24) Anthracene | 17.34 | 178 | 13420 | 0.325 | ng | # | 80 |
| 26) Fluoranthene | 19.26 | 202 | 115776 | 1.995 | ng | | 100 |
| 28) Pyrene | 19.62 | 202 | 120187 | 2.515 | ng | # | 94 |
| 30) Benzo(a)anthracene | 21.34 | 228 | 67205 | 1.205 | ng | | 96 |
| 31) Chrysene | 21.40 | 228 | 64326 | 1.154 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 10962 | 0.094 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.47 | 276 | 61906 | 0.903 | ng | | 96 |
| 35) Benzo(b)fluoranthene | 23.09 | 252 | 107148 | 1.899 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.13 | 252 | 37108m | 0.639 | ng | | |
| 37) Benzo(a)pyrene | 23.74 | 252 | 74386 | 1.416 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 26.48 | 278 | 14296 | 0.263 | ng | # | 86 |
| 39) Benzo(g,h,i)perylene | 27.28 | 276 | 64766 | 1.186 | ng | | 99 |

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

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