Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101519\
Data File : BE100648.D
Acq On : 15 Oct 2019 14:11
Operator : JU
Sample : K4994-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
EXT-SW091-091819-3DL

**Manual Integrations APPROVED**
mohammad
10/17/2019 7:56:52 AM

Quant Time: Oct 15 16:32:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 4919 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.64 | 136 | 22454 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.49 | 164 | 14425 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.20 | 188 | 29288 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.38 | 240 | 31209 | 0.40 | ng | | 0.01 |
| 34) Perylene-d12 | 23.86 | 264 | 35676 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.46 | 112 | 352 | 0.02 | ng | | 0.01 |
| 5) Phenol-d6 | 7.02 | 99 | 576 | 0.03 | ng | | 0.01 |
| 8) Nitrobenzene-d5 | 9.00 | 82 | 489 | 0.04 | ng | | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.24 | 152 | 834 | 0.02 | ng | | 0.01 |
| 14) 2,4,6-Tribromophenol | 15.96 | 330 | 129 | 0.03 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.12 | 172 | 1029 | 0.02 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.23 | 212 | 6986 | 0.02 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.83 | 244 | 2059 | 0.03 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Naphthalene | 10.69 | 128 | 78064 | 0.331 | ng | | 100 |
| 12) 2-Methylnaphthalene | 12.31 | 142 | 9125 | 0.227 | ng | | 96 |
| 16) Acenaphthylene | 14.20 | 152 | 47662 | 0.768 | ng | | 98 |
| 17) Acenaphthene | 14.54 | 154 | 6430 | 0.160 | ng | | 97 |
| 18) Fluorene | 15.51 | 166 | 27150 | 0.510 | ng | | 87 |
| 23) Phenanthrene | 17.25 | 178 | 485187 | 6.023 | ng | | 99 |
| 24) Anthracene | 17.34 | 178 | 46390 | 0.621 | ng | | 99 |
| 26) Fluoranthene | 19.27 | 202 | 714955 | 6.800 | ng | | 99 |
| 28) Pyrene | 19.62 | 202 | 830786 | 9.528 | ng | # | 96 |
| 30) Benzo(a)anthracene | 21.35 | 228 | 400871m | 3.938 | ng | | |
| 31) Chrysene | 21.41 | 228 | 485105 | 4.768 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 8909 | 0.042 | ng | # | 80 |
| 33) Indeno(1,2,3-cd)pyrene | 26.48 | 276 | 231578 | 1.852 | ng | | 96 |
| 35) Benzo(b)fluoranthene | 23.10 | 252 | 476690 | 4.582 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 23.15 | 252 | 166930m | 1.560 | ng | | |
| 37) Benzo(a)pyrene | 23.75 | 252 | 370284 | 3.824 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 26.51 | 278 | 65623 | 0.656 | ng | # | 83 |
| 39) Benzo(g,h,i)perylene | 27.29 | 276 | 246666 | 2.450 | ng | | 98 |

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

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