Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117069.D
Acq On : 16 Sep 2019 17:58
Operator : HP/JU
Sample : K4850-03DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** AOC-7-(7)DL

**Manual Integrations APPROVED**
mohammad
9/17/2019 1:25:51 PM

Quant Time: Sep 17 06:53:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.82 | 152 | 53929 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.10 | 136 | 232457 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.85 | 164 | 119899 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.33 | 188 | 169491 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.97 | 240 | 119741 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.42 | 264 | 120689 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.45 | 112 | 10592 | 3.07 | ng | | 0.01 |
| 7) Phenol-d6 | 6.46 | 99 | 16608 | 3.72 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.39 | 82 | 10177 | 2.30 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.64 | 330 | 2949 | 2.94 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.17 | 172 | 17792 | 2.32 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.91 | 244 | 14374 | 2.24 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.13 | 128 | 1149041 | 102.779 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.82 | 142 | 485931 | 64.547 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.92 | 142 | 292545 | 41.490 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.27 | 154 | 63179 | 6.718 | ng | | 97 |
| 49) Acenaphthylene | 9.71 | 152 | 60761 | 5.464 | ng | # | 95 |
| 52) Acenaphthene | 9.89 | 154 | 20674 | 3.137 | ng | | 96 |
| 55) Dibenzofuran | 10.06 | 168 | 24703 | 2.540 | ng | # | 94 |
| 58) Fluorene | 10.40 | 166 | 159482 | 20.358 | ng | | 100 |
| 71) Phenanthrene | 11.36 | 178 | 578029 | 60.042 | ng | | 100 |
| 72) Anthracene | 11.41 | 178 | 76818 | 7.816 | ng | | 99 |
| 75) Fluoranthene | 12.55 | 202 | 188832 | 19.090 | ng | | 97 |
| 78) Pyrene | 12.77 | 202 | 308438 | 30.699 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.96 | 228 | 109012 | 13.626 | ng | | 96 |
| 83) Chrysene | 13.99 | 228 | 99820 | 12.793 | ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 16.84 | 276 | 20652 | 3.628 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.00 | 252 | 69514m | 9.509 | ng | | |
| 89) Benzo(k)fluoranthene | 15.02 | 252 | 21470m | 3.100 | ng | | |
| 90) Benzo(a)pyrene | 15.36 | 252 | 57413 | 8.950 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.28 | 276 | 21196 | 4.162 | ng | # | 93 |

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

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