Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121821.D
Acq On : 5 Oct 2020 17:15
Operator : JU/CG
Sample : L4213-10DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-17(5-7)DL

Manual Integrations APPROVED
mohammad
10/7/2020 10:35:59 AM

Quant Time: Oct 05 17:50:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.76 | 152 | 110737 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.05 | 136 | 434181 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.80 | 164 | 223043 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.28 | 188 | 409431 | 20.00 | ng | -0.01 |
| 76) Chrysene-d12 | 13.92 | 240 | 286021 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 15.36 | 264 | 264136 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.37 | 112 | 295236 | 39.62 | ng | -0.01 |
| 7) Phenol-d6 | 6.40 | 99 | 391825 | 40.08 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 7.32 | 82 | 262416 | 32.45 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.59 | 330 | 102009 | 36.80 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 9.12 | 172 | 511994 | 34.77 | ng | -0.02 |
| 79) Terphenyl-d14 | 12.86 | 244 | 515539 | 36.52 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 31) Naphthalene | 8.06 | 128 | 58178 | 2.538 | ng | 99 |
| 50) Dimethylphthalate | 9.52 | 163 | 55082 | 3.407 | ng | 100 |
| 52) Acenaphthene | 9.83 | 154 | 45438 | 3.328 | ng | 99 |
| 55) Dibenzofuran | 10.00 | 168 | 42923 | 2.232 | ng | 99 |
| 58) Fluorene | 10.35 | 166 | 62601 | 4.257 | ng | 99 |
| 71) Phenanthrene | 11.30 | 178 | 737270 | 33.050 | ng | 99 |
| 72) Anthracene | 11.36 | 178 | 209448 | 9.098 | ng | 98 |
| 73) Carbazole | 11.52 | 167 | 96574 | 4.649 | ng | 98 |
| 75) Fluoranthene | 12.50 | 202 | 1032129 | 43.343 | ng | 99 |
| 78) Pyrene | 12.72 | 202 | 852495 | 40.794 | ng | 99 |
| 81) Benzo(a)anthracene | 13.91 | 228 | 441852 | 24.418 | ng | 100 |
| 83) Chrysene | 13.94 | 228 | 340998 | 18.610 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 16.76 | 276 | 214041 | 12.443 | ng | 96 |
| 88) Benzo(b)fluoranthene | 14.94 | 252 | 450832m | 25.532 | ng | |
| 89) Benzo(k)fluoranthene | 14.97 | 252 | 117609m | 7.273 | ng | |
| 90) Benzo(a)pyrene | 15.30 | 252 | 304302 | 20.274 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 16.77 | 278 | 57465m | 4.013 | ng | |
| 92) Benzo(g,h,i)perylene | 17.19 | 276 | 205363 | 14.590 | ng | 99 |

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

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