Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003283.D
Acq On : 14 Sep 2020 23:28
Operator : CG/JU
Sample : L3981-09 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B19-7-9

Manual Integrations APPROVED
mohammad
9/15/2020 1:22:14 PM

Quant Time: Sep 15 05:18:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.64 | 152 | 181049 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.42 | 136 | 680579 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.29 | 164 | 385293 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.04 | 188 | 694625 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.14 | 240 | 683845 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.37 | 264 | 832292 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.26 | 112 | 69305 | 6.77 | ng | | 0.00 |
| 7) Phenol-d6 | 6.84 | 99 | 83974 | 6.54 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.79 | 82 | 49632 | 5.26 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.79 | 330 | 34065 | 6.54 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.90 | 172 | 146211 | 5.56 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.62 | 244 | 151837 | 4.89 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 10.47 | 128 | 191092 | 5.465 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.09 | 142 | 83121 | 3.323 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.32 | 142 | 81269 | 3.418 | ng | | 96 |
| 49) Acenaphthylene | 14.00 | 152 | 352950 | 9.867 | ng | | 99 |
| 52) Acenaphthene | 14.35 | 154 | 81879 | 3.726 | ng | | 99 |
| 55) Dibenzofuran | 14.69 | 168 | 152181 | 4.409 | ng | | 97 |
| 58) Fluorene | 15.34 | 166 | 189324 | 7.121 | ng | | 99 |
| 71) Phenanthrene | 17.09 | 178 | 2626874 | 69.791 | ng | | 99 |
| 72) Anthracene | 17.17 | 178 | 421290 | 11.695 | ng | | 99 |
| 73) Carbazole | 17.45 | 167 | 164631 | 4.762 | ng | | 98 |
| 75) Fluoranthene | 19.07 | 202 | 3037630 | 69.827 | ng | | 98 |
| 78) Pyrene | 19.42 | 202 | 3229456 | 72.763 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.13 | 228 | 1474137 | 34.414 | ng | | 97 |
| 83) Chrysene | 21.17 | 228 | 1591975 | 38.816 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 25.66 | 276 | 1011511 | 16.297 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 22.71 | 252 | 1852919m | 35.819 | ng | | |
| 89) Benzo(k)fluoranthene | 22.75 | 252 | 672410m | 13.605 | ng | | |
| 90) Benzo(a)pyrene | 23.28 | 252 | 1519712 | 31.667 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 25.65 | 278 | 270936m | 5.314 | ng | | |
| 92) Benzo(g,h,i)perylene | 26.35 | 276 | 1022425 | 19.981 | ng | | 96 |

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

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