Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118018.D
Acq On : 26 Nov 2019 20:20
Operator : JU
Sample : K5938-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-277

Manual Integrations APPROVED
jagrut
11/27/2019 11:33:49 PM

Quant Time: Nov 27 01:17:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 123773 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.18 | 136 | 461609 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.95 | 164 | 247266 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.44 | 188 | 372746 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.10 | 240 | 254527 | 20.00 | ng | | 0.01 |
| 87) Perylene-d12 | 15.60 | 264 | 190670 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 316823 | 45.31 | ng | | 0.00 |
| 7) Phenol-d6 | 6.52 | 99 | 394665 | 46.79 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.45 | 82 | 228965 | 29.49 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.74 | 330 | 87187 | 33.31 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.26 | 172 | 507694 | 36.84 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.03 | 244 | 358832 | 25.77 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.20 | 128 | 52745 | 2.451 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.90 | 142 | 57918 | 3.983 | ng | | 97 |
| 38) 1-Methylnaphthalene | 9.00 | 142 | 84615 | 6.155 | ng | | 99 |
| 49) Acenaphthylene | 9.80 | 152 | 454202 | 20.643 | ng | | 98 |
| 50) Dimethylphthalate | 9.65 | 163 | 71509 | 4.124 | ng | # | 98 |
| 52) Acenaphthene | 9.98 | 154 | 40212 | 2.853 | ng | | 94 |
| 58) Fluorene | 10.50 | 166 | 126016 | 8.332 | ng | | 98 |
| 71) Phenanthrene | 11.47 | 178 | 1175081 | 62.703 | ng | | 98 |
| 72) Anthracene | 11.52 | 178 | 303920 | 16.357 | ng | | 98 |
| 73) Carbazole | 11.67 | 167 | 34065 | 2.098 | ng | | 93 |
| 75) Fluoranthene | 12.67 | 202 | 1032607 | 63.622 | ng | | 98 |
| 78) Pyrene | 12.90 | 202 | 1494391 | 72.650 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.09 | 228 | 574196m | 34.139 | ng | | |
| 83) Chrysene | 14.13 | 228 | 694598 | 42.618 | ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 17.14 | 276 | 192540 | 13.880 | ng | | 95 |
| 88) Benzo(b)fluoranthene | 15.16 | 252 | 450348m | 36.354 | ng | | |
| 89) Benzo(k)fluoranthene | 15.19 | 252 | 124161m | 10.637 | ng | | |
| 90) Benzo(a)pyrene | 15.54 | 252 | 378605 | 34.756 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.14 | 278 | 56702 | 6.048 | ng | # | 81 |
| 92) Benzo(g,h,i)perylene | 17.60 | 276 | 213282 | 22.838 | ng | | 98 |

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

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