Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022414.D
Acq On : 29 Aug 2019 18:57
Operator : HP/JU
Sample : K4409-12DL 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
S301-J-3.0-3.5-081919DL

**Manual Integrations APPROVED**
Jagrut
8/30/2019 10:29:54 AM

Quant Time: Aug 29 19:46:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.52 | 152 | 15953 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.29 | 136 | 57707 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.18 | 164 | 34284 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.95 | 188 | 74866 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.17 | 240 | 118359 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 23.36 | 264 | 148672m | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.15 | 112 | 2727 | 3.00 | ng | 0.00 |
| 7) Phenol-d6 | 6.75 | 99 | 3406 | 2.80 | ng | 0.03 |
| 23) Nitrobenzene-d5 | 8.72 | 82 | 2181 | 1.66 | ng | 0.02 |
| 42) 2,4,6-Tribromophenol | 15.71 | 330 | 1480 | 2.11 | ng | 0.01 |
| 45) 2-Fluorobiphenyl | 12.79 | 172 | 4928 | 1.63 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.60 | 244 | 8776 | 0.98 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 31) Naphthalene | 10.35 | 128 | 149126 | 49.683 | ng | 98 |
| 37) 2-Methylnaphthalene | 11.97 | 142 | 17898 | 7.847 | ng | 96 |
| 38) 1-Methylnaphthalene | 12.20 | 142 | 8931 | 4.057 | ng | 88 |
| 46) 1,1'-Biphenyl | 13.01 | 154 | 7611 | 2.717 | ng | 93 |
| 52) Acenaphthene | 14.25 | 154 | 52561 | 26.106 | ng | 95 |
| 55) Dibenzofuran | 14.59 | 168 | 72159 | 21.275 | ng | 99 |
| 58) Fluorene | 15.24 | 166 | 88527 | 29.215 | ng | 99 |
| 71) Phenanthrene | 17.00 | 178 | 945330 | 216.624 | ng | 99 |
| 72) Anthracene | 17.09 | 178 | 245615 | 57.205 | ng | 98 |
| 73) Carbazole | 17.37 | 167 | 107370 | 30.253 | ng | 99 |
| 75) Fluoranthene | 19.03 | 202 | 1223601 | 210.549 | ng | 99 |
| 78) Pyrene | 19.39 | 202 | 934253 | 115.824 | ng | 99 |
| 81) Benzo(a)anthracene | 21.16 | 228 | 565273 | 66.539 | ng | 99 |
| 83) Chrysene | 21.20 | 228 | 445779 | 55.129 | ng | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 25.53 | 276 | 335707 | 41.275 | ng | 99 |
| 88) Benzo(b)fluoranthene | 22.71 | 252 | 653342 | 63.257 | ng | 99 |
| 89) Benzo(k)fluoranthene | 22.74 | 252 | 216301m | 21.111 | ng | |
| 90) Benzo(a)pyrene | 23.26 | 252 | 544341 | 59.377 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.53 | 278 | 92769m | 10.148 | ng | |
| 92) Benzo(g,h,i)perylene | 26.20 | 276 | 331457 | 41.603 | ng | 99 |

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

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