Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070119\
Data File : BE100283.D
Acq On : 2 Jul 2019 2:56
Operator : JU/SJ
Sample : K3446-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
EXT-008-SW114-061819

**Manual Integrations APPROVED**
mohammad
7/3/2019 10:52:50 PM

Quant Time: Jul 02 04:14:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.64 | 152 | 1099 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.43 | 136 | 3758 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.31 | 164 | 2820 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.05 | 188 | 7556 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.24 | 240 | 10402 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.68 | 264 | 12001 | 0.40 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.23 | 112 | 809 | 0.29 | ng | | 0.01 |
| 5) Phenol-d6 | 6.83 | 99 | 1137 | 0.31 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 8.81 | 82 | 1165 | 0.31 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.04 | 152 | 2536 | 0.36 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.81 | 330 | 635 | 0.32 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.93 | 172 | 3432 | 0.31 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.10 | 212 | 35917 | 0.33 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.70 | 244 | 7806 | 0.36 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Naphthalene | 10.48 | 128 | 13257 | 0.320 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.11 | 142 | 1945 | 0.267 | ng | | 98 |
| 16) Acenaphthylene | 14.04 | 152 | 13908 | 1.028 | ng | | 99 |
| 17) Acenaphthene | 14.38 | 154 | 1483 | 0.193 | ng | | 97 |
| 18) Fluorene | 15.35 | 166 | 3616 | 0.319 | ng | # | 92 |
| 23) Phenanthrene | 17.09 | 178 | 105500 | 5.761 | ng | | 100 |
| 24) Anthracene | 17.19 | 178 | 18265 | 1.108 | ng | # | 96 |
| 26) Fluoranthene | 19.13 | 202 | 334154 | 11.455 | ng | | 99 |
| 28) Pyrene | 19.50 | 202 | 339926 | 12.343 | ng | # | 95 |
| 30) Benzo(a)anthracene | 21.23 | 228 | 246697 | 7.213 | ng | | 98 |
| 31) Chrysene | 21.28 | 228 | 241210 | 7.023 | ng | | 95 |
| 32) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 115726 | 2.336 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.25 | 276 | 153905 | 3.388 | ng | # | 96 |
| 35) Benzo(b)fluoranthene | 22.94 | 252 | 310144 | 9.532 | ng | # | 97 |
| 36) Benzo(k)fluoranthene | 22.98 | 252 | 100368m | 2.763 | ng | | |
| 37) Benzo(a)pyrene | 23.57 | 252 | 215940m | 6.622 | ng | | |
| 38) Dibenzo(a,h)anthracene | 26.26 | 278 | 40548 | 1.191 | ng | # | 91 |
| 39) Benzo(g,h,i)perylene | 27.04 | 276 | 156357 | 4.469 | ng | | 98 |

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

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