Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008017.D
Acq On : 04 Oct 2019 23:21
Operator : JU
Sample : K5078-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PST-024-B281-092519

**Manual Integrations APPROVED**
mohammad
10/7/2019 8:45:48 AM

Quant Time: Oct 05 04:51:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 31171 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.46 | 136 | 114493 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.31 | 164 | 54442 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.06 | 188 | 79738 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.26 | 240 | 104405 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.48 | 264 | 142339 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.33 | 112 | 21221 | 0.20 | ng | | 0.02 |
| 5) Phenol-d6 | 6.89 | 99 | 27083 | 0.20 | ng | | 0.02 |
| 8) Nitrobenzene-d5 | 8.82 | 82 | 23938 | 0.24 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.05 | 152 | 42226 | 0.22 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.81 | 330 | 5592 | 0.19 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.93 | 172 | 55332 | 0.25 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.10 | 212 | 57609 | 0.21 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.70 | 244 | 50181 | 0.20 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Naphthalene | 10.51 | 128 | 47902 | 0.149 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.12 | 142 | 44729 | 0.206 | ng | | 100 |
| 16) Acenaphthylene | 14.03 | 152 | 497219 | 1.722 | ng | | 99 |
| 17) Acenaphthene | 14.37 | 154 | 52113 | 0.280 | ng | | 96 |
| 18) Fluorene | 15.36 | 166 | 129820 | 0.544 | ng | # | 85 |
| 23) Phenanthrene | 17.10 | 178 | 1602934 | 6.453 | ng | | 100 |
| 24) Anthracene | 17.19 | 178 | 584111 | 2.604 | ng | | 98 |
| 26) Fluoranthene | 19.13 | 202 | 1874377 | 6.069 | ng | | 98 |
| 28) Pyrene | 19.49 | 202 | 2292754 | 6.439 | ng | # | 96 |
| 30) Benzo(a)anthracene | 21.24 | 228 | 1412088 | 3.673 | ng | | 95 |
| 31) Chrysene | 21.29 | 228 | 1605204 | 4.284 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 39790m | 0.201 | ng | | |
| 33) Indeno(1,2,3-cd)pyrene | 25.70 | 276 | 881529 | 1.879 | ng | # | 95 |
| 35) Benzo(b)fluoranthene | 22.82 | 252 | 1734327 | 3.510 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 22.86 | 252 | 525865m | 1.076 | ng | | |
| 37) Benzo(a)pyrene | 23.38 | 252 | 1323985 | 2.851 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 25.70 | 278 | 260571 | 0.548 | ng | # | 87 |
| 39) Benzo(g,h,i)perylene | 26.38 | 276 | 894947 | 1.903 | ng | | 98 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008017.D
Acq On : 04 Oct 2019 23:21
Operator : JU
Sample : K5078-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 05 04:51:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-B281-092519

**Manual Integrations APPROVED**
mohammad
10/7/2019 8:45:48 AM