Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007299.D
Acq On : 21 Aug 2019 20:34
Operator : HP/JU
Sample : K4440-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
S303-J-1.5-2.0-082019

**Manual Integrations APPROVED**
Jagrut
8/26/2019 12:24:46 PM

Quant Time: Aug 22 05:42:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.41 | 152 | 6025 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.16 | 136 | 22626 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.06 | 164 | 12418 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.80 | 188 | 28450 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.03 | 240 | 29790 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.14 | 264 | 34770 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.04 | 112 | 3190 | 0.17 | ng | | 0.00 |
| 5) Phenol-d6 | 6.61 | 99 | 4019 | 0.18 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.54 | 82 | 2817 | 0.16 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.77 | 152 | 6145 | 0.16 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.56 | 330 | 1218 | 0.17 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.68 | 172 | 7898 | 0.15 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.85 | 212 | 14484 | 0.16 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.48 | 244 | 10849 | 0.15 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 16) Acenaphthylene | 13.77 | 152 | 3057 | 0.046 | ng | | 98 |
| 17) Acenaphthene | 14.12 | 154 | 2734 | 0.065 | ng | | 99 |
| 18) Fluorene | 15.12 | 166 | 3653 | 0.067 | ng | | 94 |
| 23) Phenanthrene | 16.85 | 178 | 58777 | 0.659 | ng | | 100 |
| 24) Anthracene | 16.94 | 178 | 16096 | 0.200 | ng | # | 94 |
| 26) Fluoranthene | 18.88 | 202 | 289022 | 2.676 | ng | | 99 |
| 28) Pyrene | 19.25 | 202 | 258564 | 2.321 | ng | # | 94 |
| 30) Benzo(a)anthracene | 21.02 | 228 | 192989 | 1.742 | ng | | 95 |
| 31) Chrysene | 21.07 | 228 | 158256m | 1.400 | ng | | |
| 32) Bis(2-ethylhexyl)phthalate | 20.98 | 149 | 8021 | 0.181 | ng | # | 76 |
| 33) Indeno(1,2,3-cd)pyrene | 25.21 | 276 | 114083 | 0.839 | ng | | 95 |
| 35) Benzo(b)fluoranthene | 22.52 | 252 | 234401 | 1.808 | ng | # | 94 |
| 36) Benzo(k)fluoranthene | 22.56 | 252 | 90824m | 0.715 | ng | | |
| 37) Benzo(a)pyrene | 23.05 | 252 | 181312 | 1.552 | ng | # | 94 |
| 38) Dibenzo(a,h)anthracene | 25.22 | 278 | 30629 | 0.250 | ng | # | 58 |
| 39) Benzo(g,h,i)perylene | 25.84 | 276 | 112105 | 0.904 | ng | | 93 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007299.D
Acq On : 21 Aug 2019 20:34
Operator : HP/JU
Sample : K4440-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 05:42:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
S303-J-1.5-2.0-082019

**Manual Integrations APPROVED**
Jagrut
8/26/2019 12:24:46 PM