Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082919\
Data File : BN007517.D
Acq On : 30 Aug 2019 00:05
Operator : HP/JU
Sample : K4514-02DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
S602-M-1.0-1.5-082319DL

**Manual Integrations APPROVED**
JAGRUT
8/30/2019 8:58:06 AM

Quant Time: Aug 30 02:45:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 6179 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.15 | 136 | 28057 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.05 | 164 | 17341 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.79 | 188 | 40155 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.02 | 240 | 38891 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.12 | 264 | 33184 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.03 | 112 | 1226 | 0.03 | ng | | 0.00 |
| 5) Phenol-d6 | 6.59 | 99 | 1759 | 0.04 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.53 | 82 | 1386 | 0.06 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.76 | 152 | 2458 | 0.05 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.55 | 330 | 528 | 0.06 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.66 | 172 | 3232 | 0.05 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.83 | 212 | 6352 | 0.05 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.46 | 244 | 4489 | 0.04 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 12) 2-Methylnaphthalene | 11.83 | 142 | 2211 | 0.040 | ng | | 97 |
| 17) Acenaphthene | 14.10 | 154 | 6806 | 0.113 | ng | | 99 |
| 18) Fluorene | 15.10 | 166 | 5938 | 0.078 | ng | | 98 |
| 23) Phenanthrene | 16.84 | 178 | 96588 | 0.800 | ng | | 99 |
| 24) Anthracene | 16.92 | 178 | 18909 | 0.156 | ng | | 97 |
| 26) Fluoranthene | 18.86 | 202 | 320764 | 2.068 | ng | | 99 |
| 28) Pyrene | 19.23 | 202 | 280819 | 1.795 | ng | # | 95 |
| 30) Benzo(a)anthracene | 20.99 | 228 | 157459 | 1.031 | ng | | 99 |
| 31) Chrysene | 21.05 | 228 | 153191 | 1.039 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 20.96 | 149 | 5457 | 0.036 | ng | | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 25.17 | 276 | 79869 | 0.450 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.50 | 252 | 191754 | 1.595 | ng | # | 96 |
| 36) Benzo(k)fluoranthene | 22.53 | 252 | 68560m | 0.577 | ng | | |
| 37) Benzo(a)pyrene | 23.02 | 252 | 125472m | 1.097 | ng | | |
| 38) Dibenzo(a,h)anthracene | 25.18 | 278 | 21842 | 0.191 | ng | # | 90 |
| 39) Benzo(g,h,i)perylene | 25.80 | 276 | 78124 | 0.687 | ng | | 99 |

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

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