Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100519\
Data File : BN008031.D
Acq On : 05 Oct 2019 18:15
Operator : JU
Sample : K5078-04RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EXT-024-SW068-092619RE

**Manual Integrations APPROVED**
mohammad
10/7/2019 4:39:52 PM

Quant Time: Oct 07 06:56:26 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 | 7.68 | 152 | 4820 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.44 | 136 | 19262 | 0.40 | ng | | -0.03 |
| 13) Acenaphthene-d10 | 14.30 | 164 | 12067 | 0.40 | ng | | -0.03 |
| 19) Phenanthrene-d10 | 17.05 | 188 | 24232 | 0.40 | ng | | -0.03 |
| 27) Chrysene-d12 | 21.25 | 240 | 25660 | 0.40 | ng | | -0.02 |
| 34) Perylene-d12 | 23.47 | 264 | 28815 | 0.40 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.30 | 112 | 1556 | 0.09 | ng | | -0.02 |
| 5) Phenol-d6 | 6.87 | 99 | 1812 | 0.08 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.82 | 82 | 1849 | 0.11 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.04 | 152 | 3377 | 0.10 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.80 | 330 | 647 | 0.10 | ng | | -0.02 |
| 15) 2-Fluorobiphenyl | 12.93 | 172 | 4489 | 0.09 | ng | | -0.02 |
| 25) Fluoranthene-d10 | 19.09 | 212 | 7623 | 0.09 | ng | | -0.02 |
| 29) Terphenyl-d14 | 19.69 | 244 | 6471 | 0.10 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Naphthalene | 10.49 | 128 | 1692 | 0.031 | ng | # | 68 |
| 12) 2-Methylnaphthalene | 12.11 | 142 | 1425 | 0.039 | ng | # | 83 |
| 16) Acenaphthylene | 14.02 | 152 | 30433 | 0.476 | ng | | 99 |
| 17) Acenaphthene | 14.36 | 154 | 1446 | 0.035 | ng | | 96 |
| 18) Fluorene | 15.36 | 166 | 4345 | 0.082 | ng | # | 12 |
| 23) Phenanthrene | 17.09 | 178 | 61638 | 0.817 | ng | | 100 |
| 24) Anthracene | 17.18 | 178 | 24810 | 0.364 | ng | | 99 |
| 26) Fluoranthene | 19.12 | 202 | 137550 | 1.465 | ng | | 99 |
| 28) Pyrene | 19.48 | 202 | 148043 | 1.692 | ng | | 96 |
| 30) Benzo(a)anthracene | 21.23 | 228 | 74972 | 0.793 | ng | # | 92 |
| 31) Chrysene | 21.28 | 228 | 92697 | 1.007 | ng | # | 94 |
| 32) Bis(2-ethylhexyl)phthalate | 21.18 | 149 | 40300 | 0.829 | ng | | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 25.68 | 276 | 69128 | 0.600 | ng | # | 95 |
| 35) Benzo(b)fluoranthene | 22.81 | 252 | 124426 | 1.244 | ng | # | 87 |
| 36) Benzo(k)fluoranthene | 22.84 | 252 | 38237m | 0.387 | ng | | |
| 37) Benzo(a)pyrene | 23.37 | 252 | 83926 | 0.893 | ng | # | 88 |
| 38) Dibenzo(a,h)anthracene | 25.68 | 278 | 20773 | 0.216 | ng | # | 45 |
| 39) Benzo(g,h,i)perylene | 26.36 | 276 | 83732 | 0.880 | ng | | 93 |

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

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