Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006192.D
Acq On : 08 Jun 2019 15:38
Operator : JU/SJ
Sample : K3016-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** A51C0

**Manual Integrations APPROVED**
mohammad
6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:28:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 4110 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.43 | 136 | 15731 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.30 | 164 | 8153 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.05 | 188 | 16870m | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.28 | 240 | 13474m | 0.40 | ng/ul | 0.01 |
| 20) Perylene-d12 | 23.52 | 264 | 19132 | 0.40 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.03 | 152 | 3670 | 0.15 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.09 | 212 | 7639m | 0.17 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 7) Acenaphthylene | 14.01 | 152 | 2192 | 0.048 | ng/ul# | 88 |
| 12) Phenanthrene | 17.09 | 178 | 4434 | 0.082 | ng/ul | 95 |
| 13) Anthracene | 17.19 | 178 | 1318m | 0.025 | ng/ul | |
| 15) Fluoranthene | 19.12 | 202 | 10656m | 0.178 | ng/ul | |
| 17) Pyrene | 19.49 | 202 | 11445 | 0.161 | ng/ul | 98 |
| 18) Benzo(a)anthracene | 21.26 | 228 | 4889 | 0.082 | ng/ul | 91 |
| 19) Chrysene | 21.31 | 228 | 7263 | 0.130 | ng/ul | 95 |
| 21) Benzo(b)fluoranthene | 22.85 | 252 | 9418m | 0.118 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.89 | 252 | 3614m | 0.047 | ng/ul | |
| 23) Benzo(a)pyrene | 23.42 | 252 | 4358 | 0.059 | ng/ul# | 68 |
| 24) Indeno(1,2,3-cd)pyrene | 25.76 | 276 | 3601 | 0.045 | ng/ul# | 91 |
| 26) Benzo(g,h,i)perylene | 26.44 | 276 | 2095 | 0.031 | ng/ul# | 77 |

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

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