Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DA874DL

**Manual Integrations APPROVED**
sohil
12/26/2016 6:29:55 PM

Quant Time: Dec 30 10:14:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 488 | 0.40 | ng/ul | -0.12 |
| 2) Naphthalene-d8 | 10.40 | 136 | 1877m | 0.40 | ng/ul | -0.11 |
| 6) Acenaphthene-d10 | 14.28 | 164 | 2234m | 0.40 | ng/ul | -0.05 |
| 10) Phenanthrene-d10 | 16.99 | 188 | 13705m | 0.40 | ng/ul | -0.10 |
| 16) Chrysene-d12 | 21.25 | 240 | 2099m | 0.40 | ng/ul | -0.03 |
| 20) Perylene-d12 | 23.48 | 264 | 1704m | 0.40 | ng/ul | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.96 | 152 | 266m | 0.09 | ng/ul | -0.17 |
| 14) Fluoranthene-d10 | 19.07 | 212 | 1455m | 0.04 | ng/ul | -0.05 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.45 | 128 | 23044 | 4.36 | ng/ul | 98 |
| 5) 2-Methylnaphthalene | 12.07 | 142 | 98138 | 27.61 | ng/ul | 98 |
| 7) Acenaphthylene | 14.00 | 152 | 6160m | 0.61 | ng/ul | |
| 8) Acenaphthene | 14.35 | 153 | 7774m | 1.02 | ng/ul | |
| 9) Fluorene | 15.34 | 166 | 7864m | 0.91 | ng/ul | |
| 12) Phenanthrene | 17.07 | 178 | 126813m | 3.03 | ng/ul | |
| 15) Fluoranthene | 19.10 | 202 | 78857m | 1.54 | ng/ul | |
| 17) Pyrene | 19.48 | 202 | 71653m | 8.83 | ng/ul | |
| 18) Benzo(a)anthracene | 21.22 | 228 | 16587m | 2.41 | ng/ul | |
| 19) Chrysene | 21.28 | 228 | 19261m | 2.55 | ng/ul | |
| 21) Benzo(b)fluoranthene | 22.81 | 252 | 17074 | 2.54 | ng/ul | 96 |
| 22) Benzo(k)fluoranthene | 22.83 | 252 | 5191m | 0.79 | ng/ul | |
| 23) Benzo(a)pyrene | 23.38 | 252 | 6782 | 1.09 | ng/ul | 97 |
| 24) Indeno(1,2,3-cd)pyrene | 25.72 | 276 | 4149m | 0.56 | ng/ul | |
| 25) Dibenzo(a,h)anthracene | 25.71 | 278 | 1492m | 0.25 | ng/ul | |
| 26) Benzo(g,h,i)perylene | 26.42 | 276 | 3730m | 0.59 | ng/ul | |

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

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