Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
Data File : BM008574.D
Acq On : 23 Dec 2016 02:16
Operator : UM/SJ
Sample : H5970-17DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DA856DL

**Manual Integrations APPROVED**
umangi
12/23/2016 6:12:02 PM

Quant Time: Dec 23 05:57:16 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:50:04 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 369 | 0.40 | ng/ul | -0.06 |
| 2) Naphthalene-d8 | 10.45 | 136 | 1140 | 0.40 | ng/ul | -0.04 |
| 6) Acenaphthene-d10 | 14.30 | 164 | 665 | 0.40 | ng/ul | -0.02 |
| 10) Phenanthrene-d10 | 17.06 | 188 | 1179 | 0.40 | ng/ul | -0.02 |
| 16) Chrysene-d12 | 21.25 | 240 | 1256 | 0.40 | ng/ul | -0.02 |
| 20) Perylene-d12 | 23.48 | 264 | 1417 | 0.40 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.07 | 152 | 84 | 0.05 | ng/ul | -0.02 |
| 14) Fluoranthene-d10 | 19.10 | 212 | 231 | 0.07 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.50 | 128 | 435 | 0.14 | ng/ul# | 52 |
| 5) 2-Methylnaphthalene | 12.14 | 142 | 422 | 0.20 | ng/ul | 95 |
| 7) Acenaphthylene | 14.01 | 152 | 903 | 0.30 | ng/ul# | 85 |
| 8) Acenaphthene | 14.35 | 153 | 156 | 0.07 | ng/ul# | 81 |
| 9) Fluorene | 15.36 | 166 | 186 | 0.07 | ng/ul# | 74 |
| 12) Phenanthrene | 17.09 | 178 | 2135 | 0.59 | ng/ul | 98 |
| 13) Anthracene | 17.19 | 178 | 1371m | 0.39 | ng/ul | |
| 15) Fluoranthene | 19.12 | 202 | 4902 | 1.11 | ng/ul | 96 |
| 17) Pyrene | 19.48 | 202 | 8231 | 1.70 | ng/ul | 97 |
| 18) Benzo(a)anthracene | 21.24 | 228 | 5566m | 1.35 | ng/ul | |
| 19) Chrysene | 21.28 | 228 | 6923m | 1.53 | ng/ul | |
| 21) Benzo(b)fluoranthene | 22.81 | 252 | 14084m | 2.52 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.85 | 252 | 4298m | 0.79 | ng/ul | |
| 23) Benzo(a)pyrene | 23.38 | 252 | 7233m | 1.40 | ng/ul | |
| 24) Indeno(1,2,3-cd)pyrene | 25.71 | 276 | 5451 | 0.88 | ng/ul# | 89 |
| 25) Dibenzo(a,h)anthracene | 25.71 | 278 | 1465 | 0.30 | ng/ul# | 87 |
| 26) Benzo(g,h,i)perylene | 26.40 | 276 | 5030 | 0.95 | ng/ul# | 92 |

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

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