Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM021971.D
Acq On : 09 Aug 2019 15:24
Operator : HP/JU
Sample : K4029-19DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
BENT8DL

**Manual Integrations APPROVED**
Sohil
8/13/2019 8:35:51 AM

Quant Time: Aug 10 06:25:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 911 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.40 | 136 | 3931 | 0.40 | ng/ul | -0.02 |
| 6) Acenaphthene-d10 | 14.27 | 164 | 2147 | 0.40 | ng/ul | -0.01 |
| 10) Phenanthrene-d10 | 17.03 | 188 | 4898 | 0.40 | ng/ul | -0.02 |
| 16) Chrysene-d12 | 21.23 | 240 | 4876 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.44 | 264 | 7424 | 0.40 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.02 | 152 | 860 | 0.13 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.06 | 212 | 2314 | 0.14 | ng/ul | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.45 | 128 | 350 | 0.032 | ng/ul# | 64 |
| 7) Acenaphthylene | 13.99 | 152 | 1327 | 0.133 | ng/ul# | 80 |
| 8) Acenaphthene | 14.33 | 153 | 288 | 0.035 | ng/ul# | 94 |
| 9) Fluorene | 15.33 | 166 | 410 | 0.045 | ng/ul# | 93 |
| 12) Phenanthrene | 17.07 | 178 | 7823 | 0.549 | ng/ul | 99 |
| 13) Anthracene | 17.16 | 178 | 2181 | 0.179 | ng/ul | 94 |
| 15) Fluoranthene | 19.09 | 202 | 22871 | 1.198 | ng/ul | 99 |
| 17) Pyrene | 19.46 | 202 | 23213 | 1.159 | ng/ul | 98 |
| 18) Benzo(a)anthracene | 21.21 | 228 | 13588 | 0.779 | ng/ul | 98 |
| 19) Chrysene | 21.27 | 228 | 15291 | 0.682 | ng/ul | 97 |
| 21) Benzo(b)fluoranthene | 22.78 | 252 | 19946m | 0.797 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.82 | 252 | 5654m | 0.200 | ng/ul | |
| 23) Benzo(a)pyrene | 23.34 | 252 | 12898 | 0.507 | ng/ul# | 83 |
| 24) Indeno(1,2,3-cd)pyrene | 25.65 | 276 | 8781 | 0.289 | ng/ul# | 97 |
| 25) Dibenzo(a,h)anthracene | 25.66 | 278 | 2408 | 0.098 | ng/ul# | 80 |
| 26) Benzo(g,h,i)perylene | 26.34 | 276 | 6976 | 0.255 | ng/ul | 97 |

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

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