Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021931.D
Acq On : 08 Aug 2019 13:44
Operator : HP/JU
Sample : K4028-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BENQ9

**Manual Integrations APPROVED**
mohammad
8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:30:51 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 778 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.40 | 136 | 3418 | 0.40 | ng/ul | -0.02 |
| 6) Acenaphthene-d10 | 14.27 | 164 | 1895 | 0.40 | ng/ul | -0.01 |
| 10) Phenanthrene-d10 | 17.03 | 188 | 4381m | 0.40 | ng/ul | -0.02 |
| 16) Chrysene-d12 | 21.24 | 240 | 4078m | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.45 | 264 | 4055m | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.01 | 152 | 933 | 0.17 | ng/ul | -0.01 |
| 14) Fluoranthene-d10 | 19.07 | 212 | 2611m | 0.18 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.45 | 128 | 301 | 0.031 | ng/ul# | 57 |
| 5) 2-Methylnaphthalene | 12.09 | 142 | 177 | 0.028 | ng/ul | 94 |
| 7) Acenaphthylene | 14.00 | 152 | 672 | 0.076 | ng/ul# | 77 |
| 8) Acenaphthene | 14.34 | 153 | 203 | 0.028 | ng/ul# | 87 |
| 9) Fluorene | 15.33 | 166 | 223 | 0.028 | ng/ul# | 92 |
| 12) Phenanthrene | 17.07 | 178 | 4268 | 0.335 | ng/ul | 98 |
| 13) Anthracene | 17.16 | 178 | 1209m | 0.111 | ng/ul | |
| 15) Fluoranthene | 19.10 | 202 | 10355m | 0.606 | ng/ul | |
| 17) Pyrene | 19.46 | 202 | 11454 | 0.684 | ng/ul | 96 |
| 18) Benzo(a)anthracene | 21.22 | 228 | 6580 | 0.451 | ng/ul | 97 |
| 19) Chrysene | 21.27 | 228 | 6669 | 0.355 | ng/ul | 97 |
| 21) Benzo(b)fluoranthene | 22.79 | 252 | 8591m | 0.628 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.82 | 252 | 3267m | 0.211 | ng/ul | |
| 23) Benzo(a)pyrene | 23.35 | 252 | 6721m | 0.483 | ng/ul | |
| 24) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 4209m | 0.253 | ng/ul | |
| 25) Dibenzo(a,h)anthracene | 25.68 | 278 | 1178m | 0.088 | ng/ul | |
| 26) Benzo(g,h,i)perylene | 26.35 | 276 | 4141m | 0.277 | ng/ul | |

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

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