Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010723.D
Acq On : 24 Jun 2017 11:02
Operator : SJ/JU
Sample : I3627-20ME 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5C49ME

**Manual Integrations APPROVED**
mohammad
6/28/2017 7:48:48 AM

Quant Time: Jun 26 03:46:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.46 | 152 | 82496 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.22 | 136 | 383402 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.11 | 164 | 263811 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.87 | 188 | 643103 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.08 | 240 | 654704 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.22 | 264 | 483977 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0 | 0.00 | ng/uL | |
| 5) Phenol-d5 | 6.65 | 99 | 4572 | 0.58 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.82 | 67 | 2506 | 0.56 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.00 | 132 | 4052 | 0.73 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.16 | 113 | 4038 | 0.62 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.60 | 128 | 1445 | 0.53 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.32 | 143 | 2026 | 0.64 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.85 | 165 | 4624 | 0.70 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.36 | 131 | 4409 | 0.63 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.53 | 166 | 18485 | 0.80 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.79 | 160 | 20133 | 0.75 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.32 | 143 | 2109 | 0.52 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.11 | 176 | 17016 | 0.85 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.23 | 200 | 1692 | 0.43 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 16.96 | 188 | 26023m | 0.84 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.27 | 212 | 27848 | 0.92 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.08 | 264 | 17655 | 0.75 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.27 | 128 | 2630992 | 137.894 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 11.89 | 142 | 168299 | 10.973 | ng/ul | 97 |
| 40) 1,1'-Biphenyl | 12.93 | 154 | 51915 | 2.517 | ng/ul | 98 |
| 49) Acenaphthene | 14.17 | 153 | 139248 | 8.046 | ng/ul | 99 |
| 53) Dibenzofuran | 14.51 | 168 | 190263 | 7.259 | ng/ul | 92 |
| 58) Fluorene | 15.17 | 166 | 196869 | 8.971 | ng/ul | 99 |
| 69) Phenanthrene | 16.91 | 178 | 855062 | 25.009 | ng/ul | 100 |
| 71) Anthracene | 17.00 | 178 | 231671 | 6.577 | ng/ul | 97 |
| 72) Carbazole | 17.27 | 167 | 94366 | 3.071 | ng/ul | 97 |
| 74) Fluoranthene | 18.94 | 202 | 584377 | 13.262 | ng/ul | 98 |
| 77) Pyrene | 19.30 | 202 | 420058 | 11.108 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.06 | 228 | 146449 | 3.841 | ng/ul | 96 |
| 82) Chrysene | 21.12 | 228 | 123945 | 3.646 | ng/ul | 95 |
| 85) Benzo(b)fluoranthene | 22.58 | 252 | 118215 | 3.763 | ng/ul | 97 |
| 86) Benzo(k)fluoranthene | 22.62 | 252 | 39021m | 1.310 | ng/ul | |
| 88) Benzo(a)pyrene | 23.12 | 252 | 72214 | 2.497 | ng/ul | 96 |
| 89) Indeno(1,2,3-cd)pyrene | 25.32 | 276 | 35916 | 1.197 | ng/ul# | 91 |
| 91) Benzo(g,h,i)perylene | 25.97 | 276 | 26206m | 1.097 | ng/ul | |

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

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