Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\

Quantitation Report (LSC Reviewed)

Data File : BM010689.D
Acq On : 23 Jun 2017 13:28
Operator : SJ/JU
Sample : I3625-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D09

**Manual Integrations APPROVED**
mohammad
6/27/2017 5:02:23 PM

Quant Time: Jun 24 04:01:02 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 03:35:21 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.46 | 152 | 87378 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.22 | 136 | 393832 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.11 | 164 | 264519 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.87 | 188 | 617643 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.09 | 240 | 569048 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.23 | 264 | 417613 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.07 | 96 | 5466 | 3.58 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.65 | 99 | 209067 | 25.12 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.81 | 67 | 109388 | 23.02 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.00 | 132 | 154781 | 26.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.17 | 113 | 195220 | 28.29 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.60 | 128 | 87485 | 31.14 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.32 | 143 | 111345 | 34.40 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.85 | 165 | 221212 | 32.46 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.36 | 131 | 244580 | 34.06 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.53 | 166 | 837359 | 36.06 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.80 | 160 | 934336 | 34.59 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.32 | 143 | 124560 | 30.48 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.12 | 176 | 694084 | 34.58 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.24 | 200 | 141486 | 37.30 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 16.97 | 188 | 1116434m | 37.43 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.28 | 212 | 1187580 | 44.93 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.10 | 264 | 717203 | 35.53 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.67 | 94 | 16645 | 1.94 | ng/ul | 91 |
| 44) Dimethylphthalate | 13.58 | 163 | 165474 | 7.27 | ng/ul | 97 |
| 47) Acenaphthylene | 13.83 | 152 | 69050 | 2.68 | ng/ul | 98 |
| 69) Phenanthrene | 16.91 | 178 | 91320 | 2.78 | ng/ul | 98 |
| 71) Anthracene | 17.00 | 178 | 71604m | 2.12 | ng/ul | |
| 74) Fluoranthene | 18.94 | 202 | 725256 | 17.14 | ng/ul# | 97 |
| 77) Pyrene | 19.31 | 202 | 1434363 | 43.64 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.07 | 228 | 658886 | 19.88 | ng/ul | 94 |
| 82) Chrysene | 21.12 | 228 | 1030042m | 34.86 | ng/ul | |
| 85) Benzo(b)fluoranthene | 22.60 | 252 | 2469491 | 91.10 | ng/ul | 99 |
| 86) Benzo(k)fluoranthene | 22.64 | 252 | 689053m | 26.81 | ng/ul | |
| 88) Benzo(a)pyrene | 23.14 | 252 | 1124132 | 45.04 | ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 25.34 | 276 | 765663 | 29.58 | ng/ul | 99 |
| 90) Dibenzo(a,h)anthracene | 25.35 | 278 | 208000 | 9.64 | ng/ul# | 92 |
| 91) Benzo(g,h,i)perylene | 25.99 | 276 | 561786 | 27.26 | ng/ul | 98 |

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

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