Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013176.D
Acq On : 04 Dec 2017 20:46
Operator : SJ/JU
Sample : I6646-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C0259

**Manual Integrations APPROVED**
Sohil
12/5/2017 3:25:50 PM

Quant Time: Dec 05 06:00:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 04:53:13 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 280771 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.48 | 136 | 1231948 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.34 | 164 | 726079 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.09 | 188 | 1568648 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.27 | 240 | 1157623 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.50 | 264 | 917441 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.25 | 96 | 15749m | 2.78 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.88 | 99 | 417210 | 17.17 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.05 | 67 | 253974 | 18.33 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.24 | 132 | 354300 | 18.66 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.41 | 113 | 332452 | 16.02 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.86 | 128 | 181057 | 18.53 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.57 | 143 | 197071 | 18.85 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.11 | 165 | 365321 | 16.95 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.62 | 131 | 402388 | 20.32 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.76 | 166 | 1196125 | 18.51 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.03 | 160 | 1482793 | 18.60 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.55 | 143 | 165398 | 14.73 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.34 | 176 | 1036039 | 18.65 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 141177 | 14.31 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.19 | 188 | 1546051 | 19.68 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.48 | 212 | 1508517 | 26.16 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.36 | 264 | 929078 | 19.88 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.90 | 94 | 44322 | 1.846 | ng/ul | 88 |
| 44) Dimethylphthalate | 13.80 | 163 | 214782 | 3.476 | ng/ul | 99 |
| 69) Phenanthrene | 17.13 | 178 | 569266 | 6.388 | ng/ul | 97 |
| 74) Fluoranthene | 19.14 | 202 | 930481 | 8.520 | ng/ul# | 92 |
| 77) Pyrene | 19.51 | 202 | 782349 | 11.124 | ng/ul# | 92 |
| 80) Benzo(a)anthracene | 21.26 | 228 | 246896 | 3.361 | ng/ul | 97 |
| 82) Chrysene | 21.31 | 228 | 336835 | 4.943 | ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 22.83 | 252 | 323717 | 5.234 | ng/ul# | 90 |
| 86) Benzo(k)fluoranthene | 22.87 | 252 | 123210 | 2.117 | ng/ul# | 88 |
| 88) Benzo(a)pyrene | 23.40 | 252 | 175941 | 3.167 | ng/ul# | 96 |
| 89) Indeno(1,2,3-cd)pyrene | 25.73 | 276 | 147133 | 2.669 | ng/ul# | 96 |
| 91) Benzo(g,h,i)perylene | 26.42 | 276 | 127313 | 2.928 | ng/ul# | 93 |

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

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