Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013473.D
Acq On : 16 Dec 2017 11:46
Operator : SJ/JU
Sample : I6778-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
F9A67

**Manual Integrations APPROVED**
Sohil
12/18/2017 2:10:39 PM

Quant Time: Dec 21 18:02:16 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 338365 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.45 | 136 | 1472228 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.32 | 164 | 838340 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.07 | 188 | 1770613 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.26 | 240 | 1296504 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.49 | 264 | 1113202 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.22 | 96 | 21109 | 3.09 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.85 | 99 | 487746 | 16.66 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.02 | 67 | 301080 | 18.03 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.21 | 132 | 408852 | 17.87 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.38 | 113 | 403171 | 16.12 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.83 | 128 | 215617 | 18.47 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.55 | 143 | 241467 | 19.32 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.08 | 165 | 428329 | 16.63 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.60 | 131 | 226270 | 9.56 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.73 | 166 | 1332129 | 17.86 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.01 | 160 | 1657329 | 18.00 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.54 | 143 | 160805 | 12.41 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.32 | 176 | 1108951 | 17.28 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 78834 | 7.08 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.17 | 188 | 1574655 | 17.76 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.47 | 212 | 1432354 | 22.18 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.34 | 264 | 923494 | 16.29 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.88 | 94 | 64603 | 2.232 | ng/ul# | 86 |
| 44) Dimethylphthalate | 13.78 | 163 | 544544 | 7.632 | ng/ul | 99 |
| 47) Acenaphthylene | 14.04 | 152 | 330621 | 3.881 | ng/ul | 99 |
| 69) Phenanthrene | 17.11 | 178 | 171214 | 1.702 | ng/ul | 98 |
| 71) Anthracene | 17.20 | 178 | 298404 | 2.902 | ng/ul | 97 |
| 74) Fluoranthene | 19.13 | 202 | 739949 | 6.003 | ng/ul# | 92 |
| 77) Pyrene | 19.50 | 202 | 1111216 | 14.108 | ng/ul# | 93 |
| 80) Benzo(a)anthracene | 21.24 | 228 | 612975m | 7.452 | ng/ul | |
| 82) Chrysene | 21.30 | 228 | 909922m | 11.923 | ng/ul | |
| 85) Benzo(b)fluoranthene | 22.82 | 252 | 2079680 | 27.713 | ng/ul# | 98 |
| 86) Benzo(k)fluoranthene | 22.86 | 252 | 555616m | 7.868 | ng/ul | |
| 88) Benzo(a)pyrene | 23.39 | 252 | 949498 | 14.085 | ng/ul# | 98 |
| 89) Indeno(1,2,3-cd)pyrene | 25.71 | 276 | 725236 | 10.843 | ng/ul# | 96 |
| 90) Dibenzo(a,h)anthracene | 25.71 | 278 | 206004 | 3.617 | ng/ul# | 91 |
| 91) Benzo(g,h,i)perylene | 26.40 | 276 | 536535 | 10.169 | ng/ul# | 96 |

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

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