Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013362.D
Acq On : 13 Dec 2017 05:47
Operator : SJ/JU
Sample : I6759-10DL 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F9A18DL

**Manual Integrations APPROVED**
Sohil
12/13/2017 12:06:13 PM

Quant Time: Dec 13 07:30:28 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 04:59:25 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 141493 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.46 | 136 | 610914 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.33 | 164 | 377391 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.07 | 188 | 942986 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.27 | 240 | 1151402 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.49 | 264 | 1033413 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.22 | 96 | 296 | 0.10 | ng/uL | -0.01 |
| 5) Phenol-d5 | 6.87 | 99 | 8127 | 0.66 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.03 | 67 | 5874 | 0.84 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.22 | 132 | 6844 | 0.72 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.40 | 113 | 7355m | 0.70 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.85 | 128 | 3778 | 0.78 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.56 | 143 | 3252 | 0.63 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.11 | 165 | 7750m | 0.73 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4 | 10.63 | 131 | 3128m | 0.32 | ng/ul | 0.03 |
| 43) Dimethylphthalate-d6 | 13.74 | 166 | 28600 | 0.85 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.02 | 160 | 36528 | 0.88 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.57 | 143 | 1512 | 0.26 | ng/ul | 0.04 |
| 57) Fluorene-d10 | 15.33 | 176 | 26993 | 0.93 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 1679 | 0.28 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.17 | 188 | 46522 | 0.99 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.47 | 212 | 55877 | 0.97 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.35 | 264 | 45642 | 0.87 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 47) Acenaphthylene | 14.05 | 152 | 88321 | 2.303 | ng/ul | 98 |
| 68) Pentachlorophenol | 16.73 | 266 | 405294 | 57.323 | ng/ul | 98 |
| 69) Phenanthrene | 17.12 | 178 | 83910 | 1.566 | ng/ul | 97 |
| 71) Anthracene | 17.21 | 178 | 155593 | 2.841 | ng/ul | 96 |
| 74) Fluoranthene | 19.13 | 202 | 373451 | 5.688 | ng/ul# | 94 |
| 77) Pyrene | 19.50 | 202 | 476308 | 6.809 | ng/ul# | 94 |
| 80) Benzo(a)anthracene | 21.25 | 228 | 145624m | 1.993 | ng/ul | |
| 82) Chrysene | 21.30 | 228 | 213020m | 3.143 | ng/ul | |
| 85) Benzo(b)fluoranthene | 22.83 | 252 | 692029 | 9.934 | ng/ul# | 97 |
| 86) Benzo(k)fluoranthene | 22.87 | 252 | 196590 | 2.999 | ng/ul# | 96 |
| 88) Benzo(a)pyrene | 23.39 | 252 | 296596 | 4.740 | ng/ul# | 91 |
| 89) Indeno(1,2,3-cd)pyrene | 25.72 | 276 | 267059 | 4.301 | ng/ul# | 96 |
| 90) Dibenzo(a,h)anthracene | 25.73 | 278 | 73191 | 1.384 | ng/ul# | 92 |
| 91) Benzo(g,h,i)perylene | 26.41 | 276 | 243077 | 4.963 | ng/ul | 99 |

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

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