Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071816\
Data File : BM006518.D
Acq On : 18 Jul 2016 12:20
Operator : UM/SJ
Sample : H3959-02DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BDJ21DL

**Manual Integrations APPROVED**
sohil
7/19/2016 5:21:41 PM

Quant Time: Jul 19 02:19:30 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 19 02:05:48 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 142666 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.39 | 136 | 608054 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.26 | 164 | 342841 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.02 | 188 | 772218 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.22 | 240 | 884845 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.41 | 264 | 974369 | 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 | 6.80 | 99 | 11183 | 0.96 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.96 | 67 | 8282 | 1.17 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.15 | 132 | 9811 | 1.04 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.33 | 113 | 8620 | 0.93 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.77 | 128 | 4024 | 0.87 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.49 | 143 | 3841 | 0.74 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.03 | 165 | 7373 | 0.75 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.55 | 131 | 10399m | 1.01 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 13.67 | 166 | 29804 | 1.06 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.96 | 160 | 37502 | 1.08 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.52 | 143 | 1260 | 0.26 | ng/ul | 0.03 |
| 57) Fluorene-d10 | 15.26 | 176 | 31211 | 1.25 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 900 | 0.20 | ng/ul | 0.01 |
| 70) Anthracene-d10 | 17.11 | 188 | 49198 | 1.35 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.42 | 212 | 58171 | 1.45 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.27 | 264 | 62043 | 1.39 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 47) Acenaphthylene | 13.99 | 152 | 121446 | 3.36 | ng/ul | 98 |
| 49) Acenaphthene | 14.33 | 153 | 213730 | 9.19 | ng/ul | 98 |
| 58) Fluorene | 15.32 | 166 | 42512 | 1.57 | ng/ul | 96 |
| 69) Phenanthrene | 17.06 | 178 | 571635 | 13.46 | ng/ul | 99 |
| 71) Anthracene | 17.14 | 178 | 550418 | 12.60 | ng/ul | 99 |
| 74) Fluoranthene | 19.09 | 202 | 2734091 | 55.41 | ng/ul | 98 |
| 77) Pyrene | 19.44 | 202 | 2164804 | 40.98 | ng/ul | 99 |
| 80) Benzo(a)anthracene | 21.20 | 228 | 1230550 | 22.79 | ng/ul | 98 |
| 82) Chrysene | 21.25 | 228 | 969006 | 19.06 | ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 22.76 | 252 | 1286608 | 22.09 | ng/ul | 98 |
| 86) Benzo(k)fluoranthene | 22.80 | 252 | 476100m | 8.69 | ng/ul | |
| 88) Benzo(a)pyrene | 23.32 | 252 | 1012330 | 18.15 | ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 25.60 | 276 | 570451 | 8.79 | ng/ul | 97 |
| 90) Dibenzo(a,h)anthracene | 25.61 | 278 | 146149 | 2.71 | ng/ul# | 84 |
| 91) Benzo(g,h,i)perylene | 26.28 | 276 | 465194 | 8.11 | ng/ul | 97 |

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

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