Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
Data File : BM007805.D
Acq On : 09 Nov 2016 19:54
Operator : UM/SJ
Sample : H5554-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5N90

**Manual Integrations APPROVED**
umangi
11/10/2016 8:42:34 AM

Quant Time: Nov 10 00:00:59 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 09 23:34:58 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.74 | 152 | 205458 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.52 | 136 | 769688 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.37 | 164 | 479937 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.12 | 188 | 930945 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.31 | 240 | 1167557 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.56 | 264 | 1207740 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 16395 | 3.42 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.92 | 99 | 282515 | 17.82 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.08 | 67 | 177178 | 18.83 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.28 | 132 | 231535 | 19.04 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.45 | 113 | 175879 | 14.17 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.90 | 128 | 112828 | 20.37 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.62 | 143 | 123681 | 21.06 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.15 | 165 | 218490 | 18.93 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.67 | 131 | 159591 | 12.12 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.79 | 166 | 683998 | 20.93 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.07 | 160 | 817346 | 20.78 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.60 | 143 | 74809m | 14.48 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.37 | 176 | 593866 | 20.73 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 67567 | 12.22 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.22 | 188 | 912402 | 21.75 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.52 | 212 | 1095606 | 22.84 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.42 | 264 | 1208489 | 22.92 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 6.90 | 77 | 15923 | 1.59 | ng/ul | 97 |
| 6) Phenol | 6.95 | 94 | 80341 | 4.94 | ng/ul | 98 |
| 14) Acetophenone | 8.57 | 105 | 39215 | 2.02 | ng/ul | 97 |
| 44) Dimethylphthalate | 13.84 | 163 | 133988 | 4.22 | ng/ul | 98 |
| 49) Acenaphthene | 14.44 | 153 | 49348 | 1.79 | ng/ul | 97 |
| 53) Dibenzofuran | 14.78 | 168 | 45095 | 1.14 | ng/ul | 100 |
| 58) Fluorene | 15.43 | 166 | 71548 | 2.27 | ng/ul | 97 |
| 69) Phenanthrene | 17.17 | 178 | 1482351 | 29.96 | ng/ul | 99 |
| 71) Anthracene | 17.26 | 178 | 237968 | 4.72 | ng/ul | 98 |
| 72) Carbazole | 17.53 | 167 | 108788 | 2.49 | ng/ul | 98 |
| 74) Fluoranthene | 19.19 | 202 | 2548227 | 44.04 | ng/ul | 100 |
| 77) Pyrene | 19.55 | 202 | 2037586 | 33.78 | ng/ul | 99 |
| 80) Benzo(a)anthracene | 21.30 | 228 | 1002452 | 16.06 | ng/ul | 99 |
| 82) Chrysene | 21.34 | 228 | 1069003 | 17.83 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 22.89 | 252 | 1512853 | 21.93 | ng/ul | 99 |
| 86) Benzo(k)fluoranthene | 22.93 | 252 | 384339m | 6.05 | ng/ul | |
| 88) Benzo(a)pyrene | 23.47 | 252 | 948084 | 14.59 | ng/ul | 100 |
| 89) Indeno(1,2,3-cd)pyrene | 25.83 | 276 | 697928 | 8.96 | ng/ul | 97 |
| 90) Dibenzo(a,h)anthracene | 25.83 | 278 | 171286 | 2.61 | ng/ul# | 89 |
| 91) Benzo(g,h,i)perylene | 26.53 | 276 | 586558 | 8.97 | ng/ul | 98 |

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

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