Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
Data File : BM007797.D
Acq On : 09 Nov 2016 15:09
Operator : UM/SJ
Sample : H5554-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5N83

Manual Integrations APPROVED
umangi
11/10/2016 8:42:31 AM

Quant Time: Nov 09 17:59:53 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 09 16:26:14 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.74 | 152 | 201364 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.52 | 136 | 761563 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.37 | 164 | 475982 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.12 | 188 | 925015 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.31 | 240 | 1126813 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.56 | 264 | 1167363 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 13865 | 2.95 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.92 | 99 | 245698 | 15.81 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.08 | 67 | 152765 | 16.56 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.28 | 132 | 199812 | 16.76 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.45 | 113 | 185425 | 15.25 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.90 | 128 | 96685 | 17.64 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.62 | 143 | 102244 | 17.60 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.16 | 165 | 185976 | 16.28 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.67 | 131 | 193516 | 14.85 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.79 | 166 | 590428 | 18.22 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.07 | 160 | 681494 | 17.47 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.60 | 143 | 65855 | 12.85 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.37 | 176 | 512940 | 18.06 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 72047 | 13.11 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.22 | 188 | 813054 | 19.50 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.52 | 212 | 965750 | 20.86 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.41 | 264 | 1015557 | 19.93 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.95 | 94 | 134424 | 8.43 | ng/ul | 99 |
| 16) 4-Methylphenol | 8.51 | 108 | 38423 | 3.07 | ng/ul | 89 |
| 21) Isophorone | 9.46 | 82 | 142475 | 5.91 | ng/ul | 99 |
| 24) 2,4-Dimethylphenol | 9.71 | 107 | 22679 | 1.64 | ng/ul | 95 |
| 44) Dimethylphthalate | 13.84 | 163 | 75133 | 2.39 | ng/ul | 98 |
| 69) Phenanthrene | 17.17 | 178 | 276369 | 5.62 | ng/ul | 99 |
| 74) Fluoranthene | 19.19 | 202 | 344450 | 5.99 | ng/ul | 99 |
| 77) Pyrene | 19.55 | 202 | 302942 | 5.20 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.30 | 228 | 138746 | 2.30 | ng/ul | 98 |
| 82) Chrysene | 21.34 | 228 | 155539 | 2.69 | ng/ul | 99 |
| 85) Benzo(b)fluoranthene | 22.89 | 252 | 218520 | 3.28 | ng/ul# | 94 |
| 86) Benzo(k)fluoranthene | 22.93 | 252 | 67661m | 1.10 | ng/ul | |
| 88) Benzo(a)pyrene | 23.46 | 252 | 142867 | 2.27 | ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 25.83 | 276 | 100335 | 1.33 | ng/ul | 98 |
| 91) Benzo(g,h,i)perylene | 26.53 | 276 | 88908 | 1.41 | ng/ul | 97 |

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

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