Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012588.D
Acq On : 31 Oct 2017 00:01
Operator : SJ/JU
Sample : I5886-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESNE6

Manual Integrations APPROVED
Sohil
10/31/2017 7:47:21 PM

Quant Time: Oct 31 05:07:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 396456 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.65 | 136 | 1505614 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.49 | 164 | 869682 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.23 | 188 | 1973633 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.40 | 240 | 2334367 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.70 | 264 | 2612322 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.35 | 96 | 30090 | 3.88 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.02 | 99 | 537154 | 16.22 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.19 | 67 | 345919 | 17.59 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.39 | 132 | 449127 | 18.11 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.56 | 113 | 397500 | 14.04 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.01 | 128 | 214794 | 22.78 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.73 | 143 | 240043 | 24.71 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.27 | 165 | 446821 | 17.36 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.78 | 131 | 423487 | 15.61 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.89 | 166 | 1338321 | 17.62 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.18 | 160 | 1675170 | 18.64 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.69 | 143 | 138576 | 12.27 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.48 | 176 | 1172086 | 18.23 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.60 | 200 | 119531 | 12.51 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.33 | 188 | 1780633 | 18.93 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.62 | 212 | 2009694 | 18.77 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.55 | 264 | 2229395 | 17.96 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.05 | 94 | 79003 | 2.291 | ng/ul# | 88 |
| 56) Diethylphthalate | 15.30 | 149 | 319087 | 4.165 | ng/ul | 96 |
| 69) Phenanthrene | 17.27 | 178 | 907586 | 8.504 | ng/ul | 98 |
| 71) Anthracene | 17.36 | 178 | 168203 | 1.525 | ng/ul | 98 |
| 74) Fluoranthene | 19.28 | 202 | 2093252 | 17.308 | ng/ul# | 91 |
| 77) Pyrene | 19.64 | 202 | 1721320 | 12.967 | ng/ul# | 91 |
| 80) Benzo(a)anthracene | 21.39 | 228 | 954308 | 6.827 | ng/ul | 98 |
| 82) Chrysene | 21.44 | 228 | 1089538 | 8.766 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 23.01 | 252 | 1632978 | 10.112 | ng/ul# | 98 |
| 86) Benzo(k)fluoranthene | 23.05 | 252 | 469095m | 3.086 | ng/ul | |
| 88) Benzo(a)pyrene | 23.60 | 252 | 953426 | 6.192 | ng/ul# | 98 |
| 89) Indeno(1,2,3-cd)pyrene | 26.03 | 276 | 758754 | 4.187 | ng/ul# | 98 |
| 90) Dibenzo(a,h)anthracene | 26.03 | 278 | 198259 | 1.291 | ng/ul# | 89 |
| 91) Benzo(g,h,i)perylene | 26.74 | 276 | 584275 | 3.979 | ng/ul# | 94 |

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

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