Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010521.D
Acq On : 11 Jun 2017 12:34
Operator : SJ/MA
Sample : I3558-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5C61

Quant Time: Jun 12 10:05:22 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.89 | 152 | 137111 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.69 | 136 | 510837 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.53 | 164 | 371141 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.27 | 188 | 1000107 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.44 | 240 | 1576486 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.78 | 264 | 1628994 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.36 | 96 | 6425 | 1.92 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.07 | 99 | 112533 | 10.83 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.23 | 67 | 67156 | 11.50 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.43 | 132 | 107230 | 12.95 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.61 | 113 | 97853 | 11.67 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.08 | 128 | 46311 | 12.38 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.79 | 143 | 57301 | 13.22 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.32 | 165 | 133836 | 15.03 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.86 | 131 | 121004 | 14.08 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.94 | 166 | 463761 | 15.04 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.23 | 160 | 487713 | 13.56 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.77 | 143 | 58671 | 12.72 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.52 | 176 | 402327 | 14.84 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.65 | 200 | 79173 | 11.18 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.37 | 188 | 703740 | 14.46 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.66 | 212 | 940457 | 14.43 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.63 | 264 | 1109883 | 14.63 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.75 | 128 | 35281 | 1.377 | ng/ul# | 93 |
| 44) Dimethylphthalate | 13.99 | 163 | 222283 | 7.330 | ng/ul | 99 |
| 69) Phenanthrene | 17.32 | 178 | 80524 | 1.508 | ng/ul | 96 |
| 74) Fluoranthene | 19.33 | 202 | 133564 | 2.034 | ng/ul# | 98 |
| 77) Pyrene | 19.69 | 202 | 114191 | 1.406 | ng/ul# | 93 |
| 85) Benzo(b)fluoranthene | 23.07 | 252 | 354373 | 3.739 | ng/ul | 97 |
| 88) Benzo(a)pyrene | 23.67 | 252 | 171706 | 1.828 | ng/ul | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 26.14 | 276 | 210777 | 1.776 | ng/ul# | 94 |
| 91) Benzo(g,h,i)perylene | 26.89 | 276 | 184593 | 1.888 | ng/ul# | 96 |

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

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