Quantitation Report (LSC Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A85

Manual Integrations APPROVED
Sohil
1/25/2018 5:35:49 PM

Quant Time: Jan 25 06:47:00 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 163658 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.37 | 136 | 637899 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.24 | 164 | 420011 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.00 | 188 | 738833 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.20 | 240 | 752520 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.39 | 264 | 773752 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.15 | 96 | 10262 | 2.48 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 220503 | 17.55 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.94 | 67 | 127118 | 16.70 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 184208 | 17.99 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.30 | 113 | 165281 | 17.11 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.75 | 128 | 94320 | 19.06 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.46 | 143 | 100061 | 19.13 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.00 | 165 | 189779 | 18.78 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.52 | 131 | 157430 | 17.96 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.66 | 166 | 555388 | 16.04 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.94 | 160 | 677627 | 15.35 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.48 | 143 | 74834 | 13.30 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.24 | 176 | 462369 | 15.19 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 31932 | 7.18 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.10 | 188 | 685849 | 19.06 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.40 | 212 | 761226 | 21.73 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.26 | 264 | 728017 | 20.47 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.81 | 94 | 52885 | 4.197 | ng/ul# | 81 |
| 28) Naphthalene | 10.42 | 128 | 882208 | 27.799 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.04 | 142 | 783454 | 33.112 | ng/ul | 98 |
| 40) 1,1'-Biphenyl | 13.07 | 154 | 186849 | 5.344 | ng/ul | 97 |
| 44) Dimethylphthalate | 13.71 | 163 | 75399 | 2.215 | ng/ul | 98 |
| 49) Acenaphthene | 14.31 | 153 | 520442 | 18.606 | ng/ul | 100 |
| 53) Dibenzofuran | 14.65 | 168 | 566110 | 13.453 | ng/ul | 95 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.88 | 232 | 206123 | 23.378 | ng/ul# | 86 |
| 58) Fluorene | 15.30 | 166 | 531353 | 15.415 | ng/ul | 95 |
| 68) Pentachlorophenol | 16.67 | 266 | 3437358 | 688.649 | ng/ul | 97 |
| 69) Phenanthrene | 17.04 | 178 | 2702446 | 65.803 | ng/ul | 100 |
| 71) Anthracene | 17.13 | 178 | 450048 | 10.624 | ng/ul | 97 |
| 72) Carbazole | 17.41 | 167 | 255071 | 7.295 | ng/ul | 99 |
| 74) Fluoranthene | 19.07 | 202 | 1496082 | 30.518 | ng/ul# | 95 |
| 77) Pyrene | 19.43 | 202 | 1032258 | 22.564 | ng/ul# | 95 |
| 80) Benzo(a)anthracene | 21.19 | 228 | 219148 | 4.820 | ng/ul | 96 |
| 82) Chrysene | 21.24 | 228 | 200194m | 4.799 | ng/ul | |
| 85) Benzo(b)fluoranthene | 22.74 | 252 | 120724 | 2.541 | ng/ul# | 89 |
| 88) Benzo(a)pyrene | 23.30 | 252 | 66831 | 1.489 | ng/ul# | 76 |

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

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