Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025622.D
Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP17

Manual Integrations APPROVED
mohammad
1/25/2017 3:48:03 PM

Quant Time: Jan 25 03:21:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:29:56 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.18 | 152 | 70668 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.00 | 136 | 332802 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.81 | 164 | 280986 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.55 | 188 | 632925 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.85 | 240 | 738662 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.24 | 264 | 770294 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.51 | 96 | 5845 | 4.14 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.34 | 99 | 158770 | 26.21 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.49 | 67 | 118454 | 30.28 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.71 | 132 | 115585 | 27.06 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.89 | 113 | 137301 | 26.67 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.36 | 128 | 62420 | 26.46 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.09 | 143 | 78954 | 28.05 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.64 | 165 | 139739 | 25.16 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.15 | 131 | 153960 | 24.80 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.20 | 166 | 594612 | 29.97 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.51 | 160 | 661963 | 30.89 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.04 | 143 | 79747m | 29.33 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.80 | 176 | 548972 | 29.35 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.94 | 200 | 110245 | 28.24 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.65 | 188 | 837413 | 31.07 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.93 | 212 | 1031258 | 33.55 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.00 | 264 | 1049324 | 32.41 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.36 | 94 | 26279 | 4.13 | ng/ul# | 82 |
| 44) Dimethylphthalate | 14.25 | 163 | 265207 | 13.59 | ng/ul# | 95 |
| 49) Acenaphthene | 14.87 | 153 | 22288 | 1.50 | ng/ul# | 91 |
| 58) Fluorene | 15.85 | 166 | 24249 | 1.30 | ng/ul | 92 |
| 69) Phenanthrene | 17.59 | 178 | 607932 | 19.76 | ng/ul | 98 |
| 71) Anthracene | 17.69 | 178 | 152679 | 4.94 | ng/ul | 96 |
| 72) Carbazole | 17.97 | 167 | 49486 | 1.93 | ng/ul# | 93 |
| 74) Fluoranthene | 19.60 | 202 | 1516959 | 41.77 | ng/ul | 100 |
| 77) Pyrene | 19.96 | 202 | 1290862 | 35.54 | ng/ul | 99 |
| 80) Benzo(a)anthracene | 21.82 | 228 | 902379 | 23.12 | ng/ul | 99 |
| 82) Chrysene | 21.89 | 228 | 762628 | 20.78 | ng/ul | 96 |
| 85) Benzo(b)fluoranthene | 24.15 | 252 | 1009362 | 25.32 | ng/ul | 99 |
| 86) Benzo(k)fluoranthene | 24.21 | 252 | 325013 | 8.69 | ng/ul | 95 |
| 88) Benzo(a)pyrene | 25.07 | 252 | 694495 | 18.42 | ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 29.14 | 276 | 452586 | 9.48 | ng/ul | 99 |
| 91) Benzo(g,h,i)perylene | 30.36 | 276 | 409275m | 10.43 | ng/ul | |

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

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