Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110717\
Data File : BG030842.D
Acq On : 8 Nov 2017 12:37
Operator : SJ/JU
Sample : I6004-17DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B0E07DL

**Manual Integrations APPROVED**
Sohil
11/8/2017 5:30:19 PM

Quant Time: Nov 08 14:57:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 04:22:00 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.15 | 152 | 61108 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.96 | 136 | 294719 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.77 | 164 | 192104 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.51 | 188 | 442287 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.78 | 240 | 481597 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.09 | 264 | 504076 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.53 | 96 | 1286 | 0.86 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.32 | 99 | 25916 | 4.42 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.46 | 67 | 15347 | 4.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.69 | 132 | 22345 | 5.40 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.87 | 113 | 21772 | 4.60 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.31 | 128 | 11051 | 5.22 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.04 | 143 | 12675 | 5.85 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.59 | 165 | 23065 | 4.67 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.10 | 131 | 19831 | 3.46 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.17 | 166 | 80926 | 4.93 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.47 | 160 | 100566 | 5.04 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.99 | 143 | 8105 | 2.67 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.76 | 176 | 73810 | 5.49 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 3708 | 1.72 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.61 | 188 | 113966 | 5.45 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.88 | 212 | 134809 | 5.41 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 24.86 | 264 | 132091 | 5.53 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.34 | 94 | 7564 | 1.246 | ng/ul | 97 |
| 28) Naphthalene | 11.02 | 128 | 19818 | 1.271 | ng/ul | 94 |
| 34) 2-Methylnaphthalene | 12.61 | 142 | 16285 | 1.262 | ng/ul | 88 |
| 44) Dimethylphthalate | 14.21 | 163 | 31498 | 1.966 | ng/ul | 97 |
| 49) Acenaphthene | 14.84 | 153 | 48679 | 3.492 | ng/ul | 98 |
| 53) Dibenzofuran | 15.16 | 168 | 62559 | 3.283 | ng/ul | 92 |
| 58) Fluorene | 15.81 | 166 | 59126 | 3.889 | ng/ul | 96 |
| 69) Phenanthrene | 17.55 | 178 | 671967 | 28.105 | ng/ul | 98 |
| 71) Anthracene | 17.64 | 178 | 185184 | 7.507 | ng/ul | 97 |
| 72) Carbazole | 17.91 | 167 | 59960 | 2.704 | ng/ul | 99 |
| 74) Fluoranthene | 19.55 | 202 | 664467 | 24.867 | ng/ul | 98 |
| 77) Pyrene | 19.91 | 202 | 539918 | 16.728 | ng/ul | 99 |
| 80) Benzo(a)anthracene | 21.76 | 228 | 344054 | 11.399 | ng/ul | 100 |
| 82) Chrysene | 21.83 | 228 | 279740 | 10.201 | ng/ul | 95 |
| 85) Benzo(b)fluoranthene | 24.04 | 252 | 296303 | 9.791 | ng/ul | 95 |
| 86) Benzo(k)fluoranthene | 24.10 | 252 | 100890m | 3.448 | ng/ul | |
| 88) Benzo(a)pyrene | 24.94 | 252 | 214330 | 7.276 | ng/ul | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 28.88 | 276 | 113010 | 3.391 | ng/ul | 97 |
| 90) Dibenzo(a,h)anthracene | 28.92 | 278 | 38127m | 1.377 | ng/ul | |
| 91) Benzo(g,h,i)perylene | 30.05 | 276 | 81316 | 2.944 | ng/ul | 92 |

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

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