Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** QNWP8-27S-GW

Quant Time: Jun 27 16:07:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.05 | 152 | 48588 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.85 | 136 | 186453 | 20.00 | ng | -0.03 |
| 38) Acenaphthene-d10 | 14.67 | 164 | 133413 | 20.00 | ng | -0.02 |
| 63) Phenanthrene-d10 | 17.42 | 188 | 339426 | 20.00 | ng | -0.02 |
| 75) Chrysene-d12 | 21.68 | 240 | 376692 | 20.00 | ng | -0.04 |
| 86) Perylene-d12 | 24.90 | 264 | 364942 | 20.00 | ng | -0.05 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 154425 | 53.64 | ng | -0.01 |
| 7) Phenol-d6 | 7.21 | 99 | 147898 | 34.80 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 9.22 | 82 | 347211 | 88.52 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.16 | 330 | 248489 | 145.50 | ng | -0.02 |
| 44) 2-Fluorobiphenyl | 13.30 | 172 | 764819 | 74.53 | ng | -0.03 |
| 78) Terphenyl-d14 | 20.02 | 244 | 1028944 | 57.22 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.55 | 88 | 5872 | 4.275 | ng | # 72 |
| 10) Phenol | 7.24 | 94 | 9151 | 2.081 | ng | 94 |
| 27) 2,4-Dimethylphenol | 10.02 | 122 | 69197 | 23.778 | ng | 98 |
| 31) Naphthalene | 10.91 | 128 | 913749 | 94.337 | ng | 99 |
| 45) 1,1'-Biphenyl | 13.50 | 154 | 40420 | 3.768 | ng | 93 |
| 49) Dimethylphthalate | 14.12 | 163 | 63857 | 5.489 | ng | 98 |
| 51) Acenaphthene | 14.74 | 154 | 144919 | 16.309 | ng | 97 |
| 54) Dibenzofuran | 15.07 | 168 | 144727 | 10.875 | ng | 97 |
| 57) Fluorene | 15.72 | 166 | 99221 | 8.921 | ng | 97 |
| 70) Phenanthrene | 17.46 | 178 | 156642 | 9.085 | ng | 99 |
| 72) Carbazole | 17.82 | 167 | 242171 | 15.112 | ng | 98 |

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

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