

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071317\  
 Data File : BF096729.D  
 Acq On : 13 Jul 2017 15:54  
 Operator : SJ/JU  
 Sample : I3757-01  
 Misc : 5PPM LOD  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOD-SOIL-01-QT3-2017

Quant Time: Jul 14 01:42:54 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 13 14:49:34 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.63  | 152  | 109006   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 7.92  | 136  | 465602   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.66  | 164  | 208837   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.15 | 188  | 351532   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 13.77 | 240  | 256548   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 15.15 | 264  | 182817   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.24  | 112  | 880477   | 121.45 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.28  | 99   | 1086714  | 124.91 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.20  | 82   | 742231   | 98.74  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 10.46 | 330  | 218641   | 122.65 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.00  | 172  | 1219479  | 92.26  | ng    | 0.00     |
| 78) Terphenyl-d14              | 12.73 | 244  | 989257   | 66.87  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 2) 1,4-Dioxane                 | 2.24  | 88   | 17831    | 4.780  | ng    | # 76     |
| 3) Pyridine                    | 3.00  | 79   | 31107    | 3.968  | ng    | # 56     |
| 4) n-Nitrosodimethylamine      | 2.85  | 42   | 21948    | 5.006  | ng    | # 88     |
| 32) Benzoic acid               | 7.65  | 122  | 19692    | 4.332  | ng    | 86       |
| 33) 4-Chloroaniline            | 7.99  | 127  | 46163    | 5.283  | ng    | 96       |
| 35) Caprolactam                | 8.32  | 113  | 9623     | 4.665  | ng    | # 56     |
| 52) 3-Nitroaniline             | 9.61  | 138  | 20155    | 4.995  | ng    | 95       |
| 55) 4-Nitrophenol              | 9.78  | 139  | 13460    | 4.566  | ng    | # 65     |
| 64) 4,6-Dinitro-2-methylphenol | 10.26 | 198  | 7419     | 3.361  | ng    | 90       |

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

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