

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\  
 Data File : BG024705.D  
 Acq On : 5 Nov 2016 10:09  
 Operator : UM/SJ  
 Sample : H5509-23  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GW-93-8.45-17.0

Quant Time: Nov 07 00:04:21 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 26 11:14:13 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.27  | 152  | 119176   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.09 | 136  | 496314   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.88 | 164  | 349693   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.63 | 188  | 798322   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.92 | 240  | 1123270  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.35 | 264  | 1183655  | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.80  | 112  | 509917   | 70.13  | ng    | 0.00     |
| 7) Phenol-d6                | 7.40  | 99   | 464022   | 46.52  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.44  | 82   | 956468   | 87.74  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.36 | 330  | 759155   | 145.31 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.51 | 172  | 1941575  | 92.28  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.21 | 244  | 2977161  | 79.20  | ng    | 0.00     |

| Target Compounds      | R.T.  | QIon | Response | Conc | Units | Qvalue |
|-----------------------|-------|------|----------|------|-------|--------|
| 2) 1,4-Dioxane        | 3.66  | 88   | 16524    | 5.56 | ng    | # 66   |
| 10) Phenol            | 7.43  | 94   | 30530    | 2.97 | ng    | 86     |
| 31) Naphthalene       | 11.15 | 128  | 84145    | 3.40 | ng    | 99     |
| 49) Dimethylphthalate | 14.32 | 163  | 90555    | 3.65 | ng    | # 94   |
| 51) Acenaphthene      | 14.95 | 154  | 54810    | 2.59 | ng    | 89     |
| 54) Dibenzofuran      | 15.28 | 168  | 79630    | 2.73 | ng    | # 97   |
| 57) Fluorene          | 15.92 | 166  | 67357    | 2.78 | ng    | # 85   |
| 70) Phenanthrene      | 17.67 | 178  | 358591   | 8.81 | ng    | # 89   |
| 74) Fluoranthene      | 19.66 | 202  | 142166   | 2.76 | ng    | 92     |

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

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