

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE051916\  
 Data File : BE091825.D  
 Acq On : 20 May 2016 00:29  
 Operator : UM/SJ  
 Sample : H3084-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SS043MW007-160512

Manual Integrations  
 APPROVED

umangi  
 5/20/2016 7:20:48 PM

Quant Time: May 20 14:50:02 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE051916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 19 15:36:49 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.78  | 152  | 22622    | 5.00  | ng    | -0.02    |
| 7) Naphthalene-d8           | 10.55 | 136  | 119647   | 5.00  | ng    | -0.02    |
| 13) Acenaphthene-d10        | 14.40 | 164  | 77416    | 5.00  | ng    | -0.01    |
| 19) Phenanthrene-d10        | 17.14 | 188  | 189729   | 5.00  | ng    | -0.01    |
| 26) Chrysene-d12            | 21.29 | 240  | 252310   | 5.00  | ng    | -0.02    |
| 35) Perylene-d12            | 23.73 | 264  | 217056   | 5.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.39  | 112  | 27223    | 4.60  | ng    | 0.00     |
| 5) Phenol-d6                | 6.97  | 99   | 30369    | 3.65  | ng    | 0.02     |
| 8) Nitrobenzene-d5          | 8.93  | 82   | 35320    | 4.45  | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol    | 15.88 | 330  | 30918    | 10.29 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl        | 13.02 | 172  | 95784    | 4.37  | ng    | -0.01    |
| 29) Terphenyl-d14           | 19.74 | 244  | 171158   | 4.79  | ng    | -0.02    |
| Target Compounds            |       |      |          |       |       |          |
| 2) 1,4-Dioxane              | 3.33  | 88   | 29568    | 12.03 | ng    | 88       |
| 9) Nitrobenzene             | 8.97  | 77   | 568      | 0.07  | ng    | # 59     |
| 10) Naphthalene             | 10.61 | 128  | 1314     | 0.05  | ng    | # 66     |
| 12) 2-Methylnaphthalene     | 12.23 | 142  | 2847     | 0.16  | ng    | 98       |
| 17) Acenaphthene            | 14.46 | 154  | 2426     | 0.12  | ng    | # 63     |
| 18) Fluorene                | 15.44 | 166  | 3303     | 0.12  | ng    | # 91     |
| 23) Phenanthrene            | 17.17 | 178  | 6431     | 0.07  | ng    | # 87     |
| 24) Anthracene              | 17.26 | 178  | 2015     | 0.05  | ng    | # 83     |
| 25) Fluoranthene            | 19.19 | 202  | 3198     | 0.06  | ng    | # 77     |
| 28) Pyrene                  | 19.55 | 202  | 2649     | 0.05  | ng    | # 51     |

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

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