

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071117\  
 Data File : BF096682.D  
 Acq On : 12 Jul 2017 9:47  
 Operator : SJ/JU  
 Sample : I4130-05DL 5X  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-P8-BASE

Manual Integrations  
 APPROVED

mohammad  
 7/12/2017 4:58:33 PM

Quant Time: Jul 12 15:02:29 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 07 13:02:33 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.69  | 152  | 99775    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8             | 7.97  | 136  | 328612   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10           | 9.72  | 164  | 120703   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10           | 11.20 | 188  | 178195   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12               | 13.83 | 240  | 195129   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12               | 15.23 | 264  | 147866   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.29  | 112  | 140022   | 20.71  | ng    | -0.02    |
| 7) Phenol-d6                   | 6.32  | 99   | 209111   | 25.16  | ng    | -0.02    |
| 23) Nitrobenzene-d5            | 7.24  | 82   | 105601   | 19.31  | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol       | 10.50 | 330  | 22172    | 23.52  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl           | 9.05  | 172  | 123259   | 17.46  | ng    | -0.02    |
| 78) Terphenyl-d14              | 12.77 | 244  | 77240    | 8.46   | ng    | -0.02    |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 11) bis(2-Chloroethyl)ether    | 6.42  | 93   | 125517   | 17.155 | ng    | 93       |
| 13) 1,4-Dichlorobenzene        | 6.70  | 146  | 24917    | 3.298  | ng    | 100      |
| 14) 1,2-Dichlorobenzene        | 6.86  | 146  | 85113    | 12.270 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropropan | 6.97  | 45   | 144271   | 9.699  | ng    | 98       |
| 27) 2,4-Dimethylphenol         | 7.63  | 122  | 66566    | 12.875 | ng    | 92       |
| 31) Naphthalene                | 7.99  | 128  | 525404   | 33.868 | ng    | 100      |
| 37) 2-Methylnaphthalene        | 8.69  | 142  | 573398   | 58.065 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 9.15  | 154  | 44874    | 4.339  | ng    | 99       |
| 49) Dimethylphthalate          | 9.44  | 163  | 22292    | 2.474  | ng    | # 87     |
| 51) Acenaphthene               | 9.75  | 154  | 33153    | 4.404  | ng    | 96       |
| 57) Fluorene                   | 10.26 | 166  | 27291    | 3.888  | ng    | # 89     |
| 70) Phenanthrene               | 11.22 | 178  | 78950    | 8.196  | ng    | 98       |
| 71) Anthracene                 | 11.27 | 178  | 24366m   | 2.482  | ng    |          |
| 74) Fluoranthene               | 12.40 | 202  | 43357    | 4.591  | ng    | 98       |
| 77) Pyrene                     | 12.63 | 202  | 44002    | 2.809  | ng    | 98       |

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

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