

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031215\  
 Data File : BF077727.D  
 Acq On : 12 Mar 2015 14:14  
 Operator : TP/IZ  
 Sample : G1457-03DL 5X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PT-BN-WPDL

Quant Time: Mar 13 11:03:28 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 13 00:57:09 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.17  | 152  | 49917    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.75  | 136  | 204352   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.92 | 164  | 103206   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.75 | 188  | 198133   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 16.15 | 240  | 207852   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 18.13 | 264  | 207481   | 20.00 | ng    | -0.06    |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.46  | 112 | 78545  | 27.47 | ng | 0.00  |
| 7) Phenol-d6                | 6.74  | 99  | 104305 | 29.52 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.86  | 82  | 58708  | 18.83 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 11.89 | 330 | 22428  | 22.71 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 10.09 | 172 | 140832 | 20.05 | ng | -0.01 |
| 78) Terphenyl-d14           | 14.76 | 244 | 165335 | 19.43 | ng | -0.01 |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 12) 1,3-Dichlorobenzene        | 7.09  | 146 | 54779   | 14.47  | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 7.20  | 146 | 113024  | 28.73  | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 7.37  | 146 | 54408   | 15.09  | ng | # 93 |
| 18) Hexachloroethane           | 7.79  | 117 | 22946   | 17.79  | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 8.46  | 93  | 24211   | 6.34   | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 8.68  | 180 | 16876   | 5.28   | ng | 98   |
| 31) Naphthalene                | 8.77  | 128 | 135790  | 12.94  | ng | 99   |
| 34) Hexachlorobutadiene        | 8.93  | 225 | 47648   | 26.31  | ng | 98   |
| 48) Acenaphthylene             | 10.74 | 152 | 210476  | 18.88  | ng | 99   |
| 49) Dimethylphthalate          | 10.60 | 163 | 184715  | 24.13  | ng | 99   |
| 50) 2,6-Dinitrotoluene         | 10.67 | 165 | 10685   | 6.73   | ng | 88   |
| 51) Acenaphthene               | 10.96 | 154 | 106907  | 16.72  | ng | 98   |
| 56) 2,4-Dinitrotoluene         | 11.17 | 165 | 24201   | 11.70  | ng | # 50 |
| 57) Fluorene                   | 11.60 | 166 | 132455  | 16.83  | ng | 99   |
| 59) Diethylphthalate           | 11.48 | 149 | 73455   | 9.85   | ng | 100  |
| 66) 4-Bromophenyl-phenylether  | 12.21 | 248 | 28621   | 13.54  | ng | 95   |
| 70) Phenanthrene               | 12.79 | 178 | 145642  | 12.80  | ng | 99   |
| 71) Anthracene                 | 12.84 | 178 | 80995   | 7.21   | ng | 98   |
| 73) Di-n-butylphthalate        | 13.52 | 149 | 219863  | 18.34  | ng | 98   |
| 74) Fluoranthene               | 14.26 | 202 | 243347  | 19.40  | ng | 96   |
| 79) Butylbenzylphthalate       | 15.43 | 149 | 59299   | 11.51  | ng | 96   |
| 82) Chrysene                   | 16.18 | 228 | 126606  | 11.43  | ng | 98   |
| 83) Bis(2-ethylhexyl)phthalate | 16.23 | 149 | 35373   | 4.53   | ng | 98   |
| 84) Di-n-octyl phthalate       | 17.13 | 149 | 398457  | 29.85  | ng | 100  |
| 87) Benzo(b)fluoranthene       | 17.61 | 252 | 60038m  | 4.43   | ng |      |
| 88) Benzo(k)fluoranthene       | 17.65 | 252 | 156757m | 14.82  | ng |      |
| 89) Benzo(a)pyrene             | 18.05 | 252 | 229271  | 20.29  | ng | # 96 |
| 90) Dibenzo(a,h)anthracene     | 19.65 | 278 | 92986   | 8.30   | ng | 96   |
| 91) Benzo(g,h,i)perylene       | 20.03 | 276 | 73291   | 6.42   | ng | 98   |

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

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