

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF111815\  
 Data File : BF083023.D  
 Acq On : 18 Nov 2015 22:25  
 Operator : UM/IZ  
 Sample : G4412-08  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-C2

Manual Integrations  
 APPROVED

Mmdadoda  
 11/19/2015 6:44:48 PM

Quant Time: Nov 19 06:06:57 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 18 13:32:32 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.73  | 152  | 140488   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.02  | 136  | 543013   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.77  | 164  | 253795   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.25 | 188  | 405176   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.88 | 240  | 281395   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.28 | 264  | 288712   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.33  | 112 | 1100242 | 121.85 | ng | 0.00  |
| 7) Phenol-d6                | 6.38  | 99  | 1306526 | 108.84 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.30  | 82  | 1038654 | 83.23  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.56 | 330 | 264306  | 90.83  | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.09  | 172 | 1292540 | 72.99  | ng | -0.01 |
| 78) Terphenyl-d14           | 12.83 | 244 | 951973  | 80.24  | ng | -0.01 |

|                                |       |     |         |        |    |       |
|--------------------------------|-------|-----|---------|--------|----|-------|
| Target Compounds               |       |     |         | Qvalue |    |       |
| 10) Phenol                     | 6.40  | 94  | 37315   | 2.74   | ng | 91    |
| 15) Benzyl Alcohol             | 6.88  | 79  | 74241   | 7.04   | ng | 97    |
| 31) Naphthalene                | 8.04  | 128 | 347602  | 11.60  | ng | 96    |
| 37) 2-Methylnaphthalene        | 8.73  | 142 | 123615  | 6.38   | ng | 95    |
| 48) Acenaphthylene             | 9.63  | 152 | 290585  | 10.91  | ng | 97    |
| 49) Dimethylphthalate          | 9.49  | 163 | 409629  | 19.70  | ng | 99    |
| 51) Acenaphthene               | 9.80  | 154 | 48500   | 2.87   | ng | 98    |
| 54) Dibenzofuran               | 9.97  | 168 | 208604  | 9.17   | ng | # 86  |
| 57) Fluorene                   | 10.32 | 166 | 176339  | 9.57   | ng | 99    |
| 70) Phenanthrene               | 11.28 | 178 | 1932861 | 82.15  | ng | 100   |
| 71) Anthracene                 | 11.32 | 178 | 238247  | 9.61   | ng | 95    |
| 72) Carbazole                  | 11.48 | 167 | 164906  | 7.60   | ng | 97    |
| 74) Fluoranthene               | 12.47 | 202 | 1978023 | 78.34  | ng | 98    |
| 77) Pyrene                     | 12.69 | 202 | 1994949 | 103.23 | ng | 98    |
| 80) Benzo(a)anthracene         | 13.87 | 228 | 704586m | 40.04  | ng |       |
| 82) Chrysene                   | 13.91 | 228 | 837911  | 51.99  | ng | 97    |
| 83) Bis(2-ethylhexyl)phthalate | 13.88 | 149 | 52688   | 4.51   | ng | # 100 |
| 85) Indeno(1,2,3-cd)pyrene     | 16.59 | 276 | 440181  | 31.71  | ng | 97    |
| 87) Benzo(b)fluoranthene       | 14.89 | 252 | 947021m | 51.10  | ng |       |
| 88) Benzo(k)fluoranthene       | 14.91 | 252 | 351642m | 21.39  | ng |       |
| 89) Benzo(a)pyrene             | 15.22 | 252 | 671396  | 41.82  | ng | 96    |
| 90) Dibenzo(a,h)anthracene     | 16.59 | 278 | 100743m | 7.41   | ng |       |
| 91) Benzo(g,h,i)perylene       | 16.98 | 276 | 391261  | 30.04  | ng | 97    |

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

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