

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\  
 Data File : BG019538.D  
 Acq On : 9 Nov 2015 18:26  
 Operator : UM/NP  
 Sample : G4245-16DL2 100X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BCY51DL2

Manual Integrations  
 APPROVED

Mmdadoda  
 11/10/2015 1:04:22 PM

Quant Time: Nov 17 16:31:17 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 10 00:14:14 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|--------------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.17  | 152  | 27809    | 20.00 | ng/ul  | 0.00      |
| 18) Naphthalene-d8             | 11.00 | 136  | 117101   | 20.00 | ng/ul  | 0.00      |
| 36) Acenaphthene-d10           | 14.81 | 164  | 100412   | 20.00 | ng/ul  | 0.00      |
| 62) Phenanthrene-d10           | 17.54 | 188  | 297439   | 20.00 | ng/ul  | 0.00      |
| 78) Chrysene-d12               | 21.83 | 240  | 409901   | 20.00 | ng/ul  | 0.00      |
| 86) Perylene-d12               | 25.18 | 264  | 388311   | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds    |       |      |          |       |        |           |
| 3) 1,4-Dioxane-d8              | 0.00  | 96   | 0        | 0.00  | ng/uL  |           |
| 5) Phenol-d5                   | 7.32  | 99   | 176      | 0.07  | ng/ul  | 0.00      |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.48  | 67   | 847      | 0.52  | ng/ul  | 0.00      |
| 9) 2-Chlorophenol-d4           | 7.70  | 132  | 589m     | 0.37  | ng/ul  | 0.00      |
| 13) 4-Methylphenol-d8          | 8.87  | 113  | 62       | 0.03  | ng/ul  | 0.00      |
| 19) Nitrobenzene-d5            | 9.35  | 128  | 316      | 0.37  | ng/ul  | 0.00      |
| 22) 2-Nitrophenol-d4           | 10.07 | 143  | 466m     | 0.46  | ng/ul  | 0.00      |
| 26) 2,4-Dichlorophenol-d3      | 10.61 | 165  | 456      | 0.21  | ng/ul  | 0.00      |
| 29) 4-Chloroaniline-d4         | 11.13 | 131  | 82       | 0.04  | ng/ul  | 0.00      |
| 44) Dimethylphthalate-d6       | 14.19 | 166  | 3660     | 0.44  | ng/ul  | 0.00      |
| 47) Acenaphthylene-d8          | 14.50 | 160  | 3809     | 0.42  | ng/ul  | 0.00      |
| 52) 4-Nitrophenol-d4           | 0.00  | 143  | 0        | 0.00  | ng/ul  |           |
| 58) Fluorene-d10               | 15.79 | 176  | 3090     | 0.40  | ng/ul  | 0.00      |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200  | 0        | 0.00  | ng/ul  |           |
| 71) Anthracene-d10             | 17.64 | 188  | 6248     | 0.46  | ng/ul  | 0.00      |
| 79) Pyrene-d10                 | 19.92 | 212  | 6509     | 0.36  | ng/ul  | 0.00      |
| 90) Benzo(a)pyrene-d12         | 24.94 | 264  | 2976     | 0.15  | ng/ul  | 0.00      |
| Target Compounds               |       |      |          |       |        |           |
| 28) Naphthalene                | 11.06 | 128  | 276129   | 47.13 | ng/ul  | Ovalue 97 |
| 34) 2-Methylnaphthalene        | 12.65 | 142  | 10019m   | 2.13  | ng/ul  |           |
| 41) 1,1'-Biphenyl              | 13.64 | 154  | 7753     | 1.09  | ng/ul# | 88        |
| 50) Acenaphthene               | 14.87 | 153  | 20462    | 3.23  | ng/ul  | 98        |
| 54) Dibenzofuran               | 15.20 | 168  | 26886    | 2.88  | ng/ul  | 95        |
| 59) Fluorene                   | 15.85 | 166  | 16803    | 2.06  | ng/ul  | 92        |
| 70) Phenanthrene               | 17.59 | 178  | 33174    | 2.21  | ng/ul# | 95        |
| 75) Carbazole                  | 17.94 | 167  | 29560    | 2.42  | ng/ul# | 93        |

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

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