

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\  
 Data File : BG021848.D  
 Acq On : 11 May 2016 17:39  
 Operator : UM/SJ  
 Sample : H2937-16  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9X94

Manual Integrations  
 APPROVED

sohil  
 5/12/2016 7:30:47 PM

Quant Time: May 12 07:11:39 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 12 04:46:15 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 80554    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.00 | 136  | 429418   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.80 | 164  | 262815   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.55 | 188  | 554757   | 20.00 | ng/ul | 0.00     |
| 76) Chrysene-d12          | 21.83 | 240  | 551196   | 20.00 | ng/ul | 0.00     |
| 84) Perylene-d12          | 25.18 | 264  | 541235   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.56  | 96  | 4694    | 2.81  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.33  | 99  | 100355  | 16.79 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.50  | 67  | 48151   | 16.25 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.71  | 132 | 90891   | 19.59 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.88  | 113 | 75275   | 14.99 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.35  | 128 | 47556   | 16.84 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.07 | 143 | 49174   | 27.58 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.61 | 165 | 96104m  | 19.06 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.14 | 131 | 105631m | 19.45 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.20 | 166 | 334456  | 18.12 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.50 | 160 | 447163  | 17.06 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.00 | 143 | 48238m  | 15.24 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.79 | 176 | 309812  | 15.94 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.91 | 200 | 39305   | 25.58 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.65 | 188 | 437525  | 16.20 | ng/ul | 0.00 |
| 77) Pyrene-d10                 | 19.92 | 212 | 488441  | 18.93 | ng/ul | 0.00 |
| 88) Benzo(a)pyrene-d12         | 24.94 | 264 | 448855  | 17.45 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |      |        | Ovalue |
|--------------------------------|-------|-----|-------|------|--------|--------|
| 45) Dimethylphthalate          | 14.24 | 163 | 51238 | 2.72 | ng/ul  | 98     |
| 75) Fluoranthene               | 19.59 | 202 | 42998 | 1.25 | ng/ul# | 93     |
| 78) Pyrene                     | 19.95 | 202 | 52166 | 1.64 | ng/ul  | 97     |
| 82) Bis(2-ethylhexyl)phthalate | 21.70 | 149 | 15339 | 1.33 | ng/ul# | 98     |
| 83) Chrysene                   | 21.88 | 228 | 34212 | 1.13 | ng/ul  | 96     |
| 86) Benzo(b)fluoranthene       | 24.11 | 252 | 62551 | 2.02 | ng/ul# | 91     |
| 89) Benzo(a)pyrene             | 25.01 | 252 | 35783 | 1.16 | ng/ul# | 95     |

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

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