

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\  
 Data File : BG028474.D  
 Acq On : 25 Aug 2017 00:05  
 Operator : SJ/JU  
 Sample : I4840-20  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B0AN8

Manual Integrations  
 APPROVED

Sohil  
 8/25/2017 5:43:55 PM

Quant Time: Aug 25 04:21:42 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 25 03:52:53 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.34  | 152  | 31509    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.16 | 136  | 135922   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.95 | 164  | 100032   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.70 | 188  | 266686   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.03 | 240  | 311405   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.52 | 264  | 309944   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.81  | 96  | 949    | 1.40  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.49  | 99  | 26388  | 7.63  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.65  | 67  | 19481  | 8.89  | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.87  | 132 | 21692  | 9.94  | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.04  | 113 | 15435  | 5.34  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.51  | 128 | 10820  | 10.18 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.23 | 143 | 13743  | 11.79 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.78 | 165 | 23895  | 9.91  | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.29 | 131 | 26069  | 9.71  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.34 | 166 | 91699  | 10.31 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.64 | 160 | 102150 | 10.18 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.16 | 143 | 11820  | 8.36  | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.93 | 176 | 79958  | 10.02 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 14011  | 8.09  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.80 | 188 | 139835 | 10.93 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.07 | 212 | 183667 | 11.50 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.28 | 264 | 170637 | 11.76 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 6) Phenol                      | 7.52  | 94  | 3762   | 1.094 | ng/ul 90  |
| 44) Dimethylphthalate          | 14.38 | 163 | 42570  | 5.197 | ng/ul# 95 |
| 69) Phenanthrene               | 17.74 | 178 | 16190  | 1.206 | ng/ul# 90 |
| 74) Fluoranthene               | 19.74 | 202 | 33908  | 2.079 | ng/ul# 94 |
| 77) Pyrene                     | 20.10 | 202 | 32542  | 1.752 | ng/ul 98  |
| 81) Bis(2-ethylhexyl)phthalate | 21.86 | 149 | 13001  | 1.313 | ng/ul 95  |
| 82) Chrysene                   | 22.07 | 228 | 18832  | 1.162 | ng/ul 97  |
| 85) Benzo(b)fluoranthene       | 24.40 | 252 | 21627m | 1.166 | ng/ul     |

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

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