

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082517\  
 Data File : BG028494.D  
 Acq On : 25 Aug 2017 16:24  
 Operator : SJ/JU  
 Sample : I4885-17  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B0AT9

Manual Integrations  
 APPROVED

Sohil  
 8/28/2017 3:16:43 PM

Quant Time: Aug 26 01:20:39 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 25 23:11:18 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.34  | 152  | 32038    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.16 | 136  | 135865   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.95 | 164  | 97373    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.70 | 188  | 245544m  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.03 | 240  | 280755   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.53 | 264  | 281127   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.82  | 96  | 3530   | 5.13  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.50  | 99  | 84182  | 23.92 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.65  | 67  | 51806  | 23.25 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.87  | 132 | 60538  | 27.27 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.03  | 113 | 70345  | 23.92 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.50  | 128 | 32701  | 30.78 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.23 | 143 | 36354  | 31.21 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.77 | 165 | 73249  | 30.39 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.29 | 131 | 57645  | 21.49 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.34 | 166 | 246900 | 28.51 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.65 | 160 | 288897 | 29.59 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.15 | 143 | 29417  | 21.36 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.94 | 176 | 221765 | 28.54 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 31729m | 19.89 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.80 | 188 | 360925 | 30.65 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.07 | 212 | 435169 | 30.23 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.30 | 264 | 412191 | 31.32 | ng/ul | 0.01 |

## Target Compounds

|                                |       |     |        |        | Qvalue |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| 6) Phenol                      | 7.52  | 94  | 6900   | 1.973  | ng/ul  | 92 |
| 44) Dimethylphthalate          | 14.39 | 163 | 136665 | 17.138 | ng/ul  | 99 |
| 74) Fluoranthene               | 19.74 | 202 | 26302  | 1.751  | ng/ul  | 98 |
| 77) Pyrene                     | 20.10 | 202 | 48183  | 2.877  | ng/ul# | 96 |
| 80) Benzo(a)anthracene         | 22.01 | 228 | 28781  | 1.774  | ng/ul  | 97 |
| 81) Bis(2-ethylhexyl)phthalate | 21.85 | 149 | 12348  | 1.384  | ng/ul  | 97 |
| 82) Chrysene                   | 22.08 | 228 | 29703m | 2.033  | ng/ul  |    |
| 85) Benzo(b)fluoranthene       | 24.41 | 252 | 26475m | 1.574  | ng/ul  |    |
| 88) Benzo(a)pyrene             | 25.37 | 252 | 25917  | 1.591  | ng/ul# | 88 |

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

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