

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\  
 Data File : BG029249.D  
 Acq On : 15 Oct 2017 8:14  
 Operator : SJ/JU  
 Sample : I5593-05  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B0C46

Manual Integrations  
 APPROVED

Sohil  
 10/16/2017 7:43:52 PM

Quant Time: Oct 16 08:52:47 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Oct 15 07:39:50 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 119423   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.99 | 136  | 539188   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.79 | 164  | 322199   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.53 | 188  | 689839   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.80 | 240  | 625936   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.11 | 264  | 612217   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.56  | 96  | 8465   | 2.88  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.32  | 99  | 165586 | 14.45 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.49  | 67  | 119384 | 16.64 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.70  | 132 | 130472 | 16.14 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.87  | 113 | 104039 | 11.24 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.34  | 128 | 72745  | 18.79 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.07 | 143 | 75193  | 18.96 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.61 | 165 | 139364 | 15.42 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.12 | 131 | 142621 | 13.58 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.18 | 166 | 449819 | 16.33 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.48 | 160 | 577915 | 17.25 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.97 | 143 | 57885  | 11.38 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.78 | 176 | 385364 | 17.08 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.89 | 200 | 42404  | 12.59 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.63 | 188 | 548918 | 16.82 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.90 | 212 | 564169 | 17.41 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.88 | 264 | 487232 | 16.80 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        |       | Ovalue |     |
|--------------------------|-------|-----|--------|-------|--------|-----|
| 6) Phenol                | 7.35  | 94  | 31390  | 2.647 | ng/ul# | 86  |
| 44) Dimethylphthalate    | 14.23 | 163 | 164688 | 6.130 | ng/ul  | 96  |
| 69) Phenanthrene         | 17.57 | 178 | 77282  | 2.072 | ng/ul  | 100 |
| 74) Fluoranthene         | 19.57 | 202 | 122484 | 2.939 | ng/ul# | 92  |
| 77) Pyrene               | 19.92 | 202 | 114601 | 2.732 | ng/ul# | 89  |
| 80) Benzo(a)anthracene   | 21.78 | 228 | 62719  | 1.599 | ng/ul  | 97  |
| 82) Chrysene             | 21.85 | 228 | 70456m | 1.977 | ng/ul  |     |
| 85) Benzo(b)fluoranthene | 24.05 | 252 | 80339  | 2.186 | ng/ul# | 96  |
| 88) Benzo(a)pyrene       | 24.95 | 252 | 53076  | 1.484 | ng/ul# | 96  |

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

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