

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110517\  
 Data File : BG030763.D  
 Acq On : 6 Nov 2017 6:37  
 Operator : SJ/JU  
 Sample : I6126-17  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B0EH6

Quant Time: Nov 06 08:02:51 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 06 01:27:00 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.16  | 152  | 86241    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.97 | 136  | 399692   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 272673   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.51 | 188  | 662056   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.78 | 240  | 678441   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.10 | 264  | 701889   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.53  | 96  | 8040   | 3.79  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.32  | 99  | 166302 | 20.09 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.47  | 67  | 97303  | 18.79 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.69  | 132 | 135464 | 23.20 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 116282 | 17.39 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.32  | 128 | 68836  | 23.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.04 | 143 | 82133  | 27.94 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.60 | 165 | 150409 | 22.45 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.10 | 131 | 149368 | 19.19 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.17 | 166 | 515780 | 22.13 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.47 | 160 | 646252 | 22.80 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.97 | 143 | 78802  | 18.31 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.76 | 176 | 485643 | 25.44 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 21189  | 6.56  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.61 | 188 | 726927 | 23.22 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.89 | 212 | 834484 | 23.76 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.87 | 264 | 815083 | 24.52 | ng/ul | 0.02 |

## Target Compounds

|                          |       |     |        |       | Ovalue   |
|--------------------------|-------|-----|--------|-------|----------|
| 6) Phenol                | 7.34  | 94  | 30144  | 3.519 | ng/ul 92 |
| 44) Dimethylphthalate    | 14.22 | 163 | 189143 | 8.318 | ng/ul 99 |
| 69) Phenanthrene         | 17.55 | 178 | 85494  | 2.389 | ng/ul 98 |
| 74) Fluoranthene         | 19.55 | 202 | 108296 | 2.707 | ng/ul 98 |
| 77) Pyrene               | 19.91 | 202 | 125676 | 2.764 | ng/ul 99 |
| 80) Benzo(a)anthracene   | 21.77 | 228 | 57800  | 1.359 | ng/ul 99 |
| 82) Chrysene             | 21.83 | 228 | 67198  | 1.739 | ng/ul 96 |
| 85) Benzo(b)fluoranthene | 24.04 | 252 | 69417  | 1.647 | ng/ul 95 |
| 88) Benzo(a)pyrene       | 24.94 | 252 | 52672  | 1.284 | ng/ul 93 |

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

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