

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100117\  
 Data File : BM011809.D  
 Acq On : 01 Oct 2017 15:20  
 Operator : SJ/JU  
 Sample : I5477-17MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ET243MS

Manual Integrations  
 APPROVED

Sohil  
 10/2/2017 5:52:55 PM

Quant Time: Oct 02 03:58:00 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 02 02:22:21 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 97401    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.69 | 136  | 439719   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.52 | 164  | 263680   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.26 | 188  | 641621   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.43 | 240  | 775469   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.77 | 264  | 886657   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 12915   | 5.91  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.03  | 99  | 75091   | 7.84  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.21  | 67  | 217777  | 31.34 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.41  | 132 | 187607  | 26.32 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.58  | 113 | 133479  | 17.79 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.05  | 128 | 114975  | 33.52 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.77  | 143 | 124780  | 34.11 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.30 | 165 | 206849  | 29.63 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.85 | 131 | 10271m  | 1.33  | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.93 | 166 | 843902  | 37.31 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.22 | 160 | 946691  | 34.62 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.72 | 143 | 28285m  | 7.32  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.52 | 176 | 707312  | 36.32 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.63 | 200 | 128527  | 29.57 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.36 | 188 | 1190862 | 36.47 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.65 | 212 | 1479954 | 39.99 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.62 | 264 | 1559562 | 36.74 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue |    |
|--------------------------------|-------|-----|---------|--------|--------|----|
| 6) Phenol                      | 7.06  | 94  | 67317   | 6.948  | ng/ul# | 90 |
| 10) 2-Chlorophenol             | 7.45  | 128 | 161909  | 23.282 | ng/ul# | 83 |
| 15) N-Nitroso-di-n-propylamine | 8.69  | 70  | 170935  | 25.117 | ng/ul  | 96 |
| 33) 4-Chloro-3-methylphenol    | 11.96 | 107 | 205986  | 27.400 | ng/ul  | 98 |
| 49) Acenaphthene               | 14.59 | 153 | 475034  | 25.424 | ng/ul  | 98 |
| 52) 4-Nitrophenol              | 14.73 | 109 | 31959m  | 8.453  | ng/ul  |    |
| 54) 2,4-Dinitrotoluene         | 14.89 | 165 | 151161  | 26.595 | ng/ul# | 73 |
| 68) Pentachlorophenol          | 16.92 | 266 | 157200  | 30.452 | ng/ul  | 98 |
| 77) Pvrene                     | 19.68 | 202 | 1316308 | 28.484 | ng/ul# | 91 |

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

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