

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
 Data File : BM012442.D  
 Acq On : 25 Oct 2017 13:03  
 Operator : SJ/JU  
 Sample : I5693-05DL 10X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-33(0.5-1.5)-100417DL

Quant Time: Oct 26 02:27:55 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 26 01:09:36 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 667836   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.67 | 136  | 2883042  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.51 | 164  | 1879482  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.25 | 188  | 4486681  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.42 | 240  | 4605088  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.73 | 264  | 3679933  | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |      |       |      |
|--------------------------------|-------|-----|---------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.37  | 96  | 4567    | 0.35 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.05  | 99  | 161137  | 2.89 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.21  | 67  | 143492  | 4.33 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.42  | 132 | 114191  | 2.73 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.59  | 113 | 151094  | 3.17 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.03  | 128 | 95913   | 5.31 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.76  | 143 | 59703   | 3.21 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.30 | 165 | 131306  | 2.66 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.80 | 131 | 264860  | 5.10 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.92 | 166 | 699167  | 4.26 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.20 | 160 | 900987  | 4.64 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.71 | 143 | 63118   | 2.59 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.50 | 176 | 641355  | 4.61 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.61 | 200 | 12915   | 0.59 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.34 | 188 | 1024473 | 4.79 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.63 | 212 | 1126399 | 5.33 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.58 | 264 | 820414  | 4.69 | ng/ul | 0.01 |

## Target Compounds

|                                |       |     |         |        | Ovalue |    |
|--------------------------------|-------|-----|---------|--------|--------|----|
| 69) Phenanthrene               | 17.29 | 178 | 394052  | 1.624  | ng/ul  | 97 |
| 74) Fluoranthene               | 19.30 | 202 | 641258  | 2.332  | ng/ul# | 96 |
| 77) Pyrene                     | 19.66 | 202 | 535414  | 2.045  | ng/ul# | 94 |
| 80) Benzo(a)anthracene         | 21.40 | 228 | 331247  | 1.201  | ng/ul# | 87 |
| 81) Bis(2-ethylhexyl)phthalate | 21.34 | 149 | 8771570 | 55.879 | ng/ul  | 98 |
| 82) Chrysene                   | 21.46 | 228 | 309770  | 1.263  | ng/ul# | 92 |
| 85) Benzo(b)fluoranthene       | 23.03 | 252 | 374965  | 1.648  | ng/ul# | 85 |
| 88) Benzo(a)pyrene             | 23.62 | 252 | 231976  | 1.070  | ng/ul# | 78 |

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

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