

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\  
 Data File : BM009795.D  
 Acq On : 29 Apr 2017 00:03  
 Operator : SJ/MA  
 Sample : I2845-19  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHSZ7

Manual Integrations  
 APPROVED

mohammad  
 5/1/2017 7:24:05 PM

Quant Time: May 01 13:16:06 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Apr 29 00:28:27 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 158055   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 703053   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.47 | 164  | 455662   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.22 | 188  | 1189905  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.40 | 240  | 1107803  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.72 | 264  | 844354   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 12576   | 3.66  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 348566  | 20.30 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67  | 245180  | 20.94 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.35  | 132 | 240950  | 22.06 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.52  | 113 | 218849  | 16.35 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.99  | 128 | 125013  | 21.85 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.70  | 143 | 137806  | 22.89 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.24 | 165 | 259503  | 21.55 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.76 | 131 | 241564  | 16.65 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.87 | 166 | 865600  | 21.84 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.16 | 160 | 1117162 | 23.37 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.69 | 143 | 124824  | 16.32 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.46 | 176 | 833797  | 23.30 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 91491   | 10.90 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.32 | 188 | 1308833 | 21.42 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.62 | 212 | 1466493 | 30.00 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.57 | 264 | 997763  | 24.30 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |       |        | Ovalue |
|--------------------------------|-------|-----|---------|-------|--------|--------|
| 6) Phenol                      | 7.02  | 94  | 19236   | 1.08  | ng/ul# | 66     |
| 14) Acetophenone               | 8.65  | 105 | 29040m  | 1.32  | ng/ul  |        |
| 44) Dimethylphthalate          | 13.92 | 163 | 296414  | 7.56  | ng/ul# | 95     |
| 67) Atrazine                   | 16.67 | 200 | 16731   | 1.14  | ng/ul# | 80     |
| 69) Phenanthrene               | 17.26 | 178 | 97605   | 1.43  | ng/ul  | 96     |
| 73) Di-n-butylphthalate        | 18.17 | 149 | 458328  | 5.84  | ng/ul  | 96     |
| 74) Fluoranthene               | 19.28 | 202 | 157797  | 1.83  | ng/ul# | 89     |
| 77) Pyrene                     | 19.64 | 202 | 187147  | 2.99  | ng/ul# | 83     |
| 78) Butylbenzylphthalate       | 20.53 | 149 | 549205  | 21.17 | ng/ul  | 94     |
| 80) Benzo(a)anthracene         | 21.39 | 228 | 88750   | 1.35  | ng/ul# | 82     |
| 81) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 1363624 | 34.69 | ng/ul  | 97     |
| 82) Chrysene                   | 21.44 | 228 | 105725  | 1.79  | ng/ul# | 92     |
| 88) Benzo(a)pyrene             | 23.62 | 252 | 87098   | 1.71  | ng/ul# | 62     |
| 89) Indeno(1,2,3-cd)pyrene     | 26.07 | 276 | 68550   | 1.24  | ng/ul# | 85     |
| 91) Benzo(g,h,i)perylene       | 26.80 | 276 | 78396   | 1.77  | ng/ul# | 78     |

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

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