

Data File : BM013939.D  
Acq On : 29 Jan 2018 01:14  
Operator : SJ/JU  
Sample : J1233-13  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Jan 29 06:49:56 2018  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jan 29 04:03:39 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.58  | 152  | 147486   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.35 | 136  | 564564   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 332654   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.99 | 188  | 663883   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.19 | 240  | 720491   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.37 | 264  | 741318   | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.14  | 96  | 11246   | 3.01  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.76  | 99  | 233852  | 20.65 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.92  | 67  | 149031  | 21.72 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 201547  | 21.85 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 175874  | 20.21 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 100579  | 22.96 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 109828  | 23.73 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 204358  | 22.85 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 172833  | 22.28 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.65 | 166 | 605686  | 22.09 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.92 | 160 | 763351  | 21.83 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.47 | 143 | 66288   | 14.88 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.23 | 176 | 514191  | 21.33 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 76097   | 19.04 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.09 | 188 | 769985  | 23.81 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.39 | 212 | 871108  | 25.97 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.24 | 264 | 846836m | 24.85 | ng/ul | 0.00 |

#### Target Compounds

|                            |       |     |         |        |        | Qvalue |
|----------------------------|-------|-----|---------|--------|--------|--------|
| 6) Phenol                  | 6.79  | 94  | 30443   | 2.68   | ng/ul# | 93     |
| 28) Naphthalene            | 10.40 | 128 | 3796297 | 135.16 | ng/ul  | 99     |
| 34) 2-Methylnaphthalene    | 12.03 | 142 | 3285143 | 156.88 | ng/ul  | 95     |
| 40) 1,1'-Biphenyl          | 13.05 | 154 | 581727  | 21.01  | ng/ul  | 99     |
| 44) Dimethylphthalate      | 13.70 | 163 | 180504  | 6.70   | ng/ul  | 98     |
| 49) Acenaphthene           | 14.30 | 153 | 1303305 | 58.83  | ng/ul  | 98     |
| 53) Dibenzofuran           | 14.63 | 168 | 2289953 | 68.71  | ng/ul  | 99     |
| 56) Diethylphthalate       | 15.07 | 149 | 49319   | 1.82   | ng/ul  | 98     |
| 58) Fluorene               | 15.29 | 166 | 1300159 | 47.62  | ng/ul  | 98     |
| 64) N-Nitrosodiphenylamine | 15.50 | 169 | 50395   | 2.58   | ng/ul  | 94     |
| 68) Pentachlorophenol      | 16.65 | 266 | 118438  | 26.41  | ng/ul  | 93     |
| 69) Phenanthrene           | 17.04 | 178 | 9247622 | 250.60 | ng/ul  | 99     |
| 71) Anthracene             | 17.12 | 178 | 1208215 | 31.74  | ng/ul  | 98     |
| 72) Carbazole              | 17.40 | 167 | 157600  | 5.02   | ng/ul# | 95     |
| 74) Fluoranthene           | 19.06 | 202 | 6351862 | 144.20 | ng/ul# | 94     |
| 77) Pyrene                 | 19.42 | 202 | 3955533 | 90.31  | ng/ul# | 95     |
| 80) Benzo(a)anthracene     | 21.17 | 228 | 897661  | 20.62  | ng/ul  | 98     |
| 82) Chrysene               | 21.22 | 228 | 707710  | 17.72  | ng/ul  | 98     |
| 85) Benzo(b)fluoranthene   | 22.73 | 252 | 472646  | 10.38  | ng/ul# | 96     |
| 86) Benzo(k)fluoranthene   | 22.76 | 252 | 173066  | 3.93   | ng/ul# | 94     |
| 88) Benzo(a)pyrene         | 23.28 | 252 | 245890  | 5.72   | ng/ul# | 97     |
| 89) Indeno(1,2,3-cd)pyrene | 25.56 | 276 | 87446   | 1.72   | ng/ul  | 97     |
| 91) Benzo(g,h,i)perylene   | 26.23 | 276 | 68960   | 1.65   | ng/ul# | 89     |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012818\  
Quantitation Report (QT Reviewed)

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|       |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|
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| ----- |  |  |  |  |  |  |

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

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