

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
 Data File : BM012459.D  
 Acq On : 26 Oct 2017 00:13  
 Operator : SJ/JU  
 Sample : I5873-07 2X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-18(5-6)\_101217

Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 8:54:22 AM

Quant Time: Oct 26 08:55:35 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 26 05:23:19 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.88  | 152  | 614261   | 20.00  | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.67 | 136  | 2564695  | 20.00  | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 14.51 | 164  | 1571583  | 20.00  | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 17.25 | 188  | 3254263  | 20.00  | ng/ul  | 0.00     |
| 75) Chrysene-d12               | 21.42 | 240  | 2536729  | 20.00  | ng/ul  | 0.00     |
| 83) Perylene-d12               | 23.73 | 264  | 2765127  | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8              | 3.37  | 96   | 21639    | 1.80   | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 7.05  | 99   | 493610   | 9.62   | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.21  | 67   | 322545   | 10.59  | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.42  | 132  | 410947   | 10.69  | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.59  | 113  | 403492   | 9.20   | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 9.03  | 128  | 205555   | 12.80  | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.76  | 143  | 223880   | 13.53  | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.30 | 165  | 468743   | 10.69  | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.81 | 131  | 398254   | 8.62   | ng/ul  | 0.00     |
| 43) Dimethylphthalate-d6       | 13.92 | 166  | 1497123  | 10.90  | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 14.20 | 160  | 1825917  | 11.24  | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.71 | 143  | 110065   | 5.39   | ng/ul  | 0.00     |
| 57) Fluorene-d10               | 15.50 | 176  | 1268570  | 10.92  | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.62 | 200  | 34774    | 2.21   | ng/ul  | 0.00     |
| 70) Anthracene-d10             | 17.35 | 188  | 1777115  | 11.46  | ng/ul  | 0.00     |
| 76) Pyrene-d10                 | 19.64 | 212  | 1604752  | 13.79  | ng/ul  | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.59 | 264  | 1527542  | 11.63  | ng/ul  | 0.00     |
| Target Compounds               |       |      |          | Ovalue |        |          |
| 6) Phenol                      | 7.07  | 94   | 87313    | 1.634  | ng/ul  | 92       |
| 69) Phenanthrene               | 17.30 | 178  | 1647628  | 9.362  | ng/ul  | 99       |
| 71) Anthracene                 | 17.39 | 178  | 441571   | 2.428  | ng/ul  | 100      |
| 74) Fluoranthene               | 19.30 | 202  | 3013084  | 15.110 | ng/ul# | 93       |
| 77) Pyrene                     | 19.67 | 202  | 2637124  | 18.281 | ng/ul# | 94       |
| 80) Benzo(a)anthracene         | 21.41 | 228  | 1446260  | 9.521  | ng/ul  | 95       |
| 82) Chrysene                   | 21.46 | 228  | 1285001m | 9.514  | ng/ul  |          |
| 85) Benzo(b)fluoranthene       | 23.04 | 252  | 1846479  | 10.802 | ng/ul# | 95       |
| 86) Benzo(k)fluoranthene       | 23.08 | 252  | 615309m  | 3.825  | ng/ul  |          |
| 88) Benzo(a)pyrene             | 23.63 | 252  | 1412140  | 8.665  | ng/ul# | 98       |
| 89) Indeno(1,2,3-cd)pyrene     | 26.07 | 276  | 946217   | 4.933  | ng/ul  | 95       |
| 90) Dibenzo(a,h)anthracene     | 26.09 | 278  | 248393   | 1.528  | ng/ul# | 79       |
| 91) Benzo(g,h,i)perylene       | 26.80 | 276  | 729621   | 4.694  | ng/ul# | 94       |

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

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