

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\  
 Data File : BM012509.D  
 Acq On : 28 Oct 2017 05:29  
 Operator : SJ/JU  
 Sample : I5719-11 5X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-24(0.5-1.5)-100517

Manual Integrations  
 APPROVED

Sohil  
 10/30/2017 6:30:25 PM

Quant Time: Oct 30 06:21:22 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 30 05:30:34 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.87  | 152  | 537272   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.66 | 136  | 1993527  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.50 | 164  | 1103047  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.24 | 188  | 2375348  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.42 | 240  | 2610970  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.72 | 264  | 2983407  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.36  | 96  | 6109   | 0.58 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.04  | 99  | 120888 | 2.69 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.20  | 67  | 78567  | 2.95 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.40  | 132 | 96936  | 2.88 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.57  | 113 | 75824  | 1.98 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.03  | 128 | 45717  | 3.66 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.75  | 143 | 49010  | 3.81 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.29 | 165 | 95800  | 2.81 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.80 | 131 | 20827  | 0.58 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.91 | 166 | 292348 | 3.03 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.19 | 160 | 353743 | 3.10 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.70 | 143 | 32080  | 2.24 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.49 | 176 | 248050 | 3.04 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.61 | 200 | 18785  | 1.63 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.34 | 188 | 363243 | 3.21 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.63 | 212 | 395321 | 3.30 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.57 | 264 | 439659 | 3.10 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |       | Ovalue |    |
|--------------------------------|-------|-----|---------|-------|--------|----|
| 44) Dimethylphthalate          | 13.95 | 163 | 198744  | 2.085 | ng/ul  | 99 |
| 69) Phenanthrene               | 17.29 | 178 | 486136  | 3.784 | ng/ul  | 99 |
| 74) Fluoranthene               | 19.29 | 202 | 1313807 | 9.026 | ng/ul# | 92 |
| 77) Pyrene                     | 19.66 | 202 | 1220011 | 8.217 | ng/ul# | 92 |
| 80) Benzo(a)anthracene         | 21.40 | 228 | 740195  | 4.734 | ng/ul  | 96 |
| 81) Bis(2-ethylhexyl)phthalate | 21.33 | 149 | 198090  | 2.226 | ng/ul# | 98 |
| 82) Chrysene                   | 21.44 | 228 | 764759m | 5.501 | ng/ul  |    |
| 85) Benzo(b)fluoranthene       | 23.02 | 252 | 1243776 | 6.744 | ng/ul# | 94 |
| 86) Benzo(k)fluoranthene       | 23.06 | 252 | 447796m | 2.580 | ng/ul  |    |
| 88) Benzo(a)pyrene             | 23.62 | 252 | 848710  | 4.827 | ng/ul# | 93 |
| 89) Indeno(1,2,3-cd)pyrene     | 26.05 | 276 | 703073  | 3.397 | ng/ul# | 97 |
| 90) Dibenzo(a,h)anthracene     | 26.06 | 278 | 184714  | 1.053 | ng/ul# | 56 |
| 91) Benzo(g,h,i)perylene       | 26.77 | 276 | 639951  | 3.816 | ng/ul# | 90 |

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

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