

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM110817\  
 Data File : BM012833.D  
 Acq On : 08 Nov 2017 22:19  
 Operator : SJ/JU  
 Sample : I6032-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-31(1-2)-101817

Manual Integrations  
 APPROVED

Sohil  
 11/9/2017 3:48:46 PM

Quant Time: Nov 09 04:36:16 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM110417MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 09 03:48:55 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 161604   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.59 | 136  | 662418   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.44 | 164  | 402330   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.19 | 188  | 863957m  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.37 | 240  | 722215   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.65 | 264  | 763772   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 13202   | 4.41  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.98  | 99  | 320307  | 26.64 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.13  | 67  | 184757  | 28.35 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.34  | 132 | 284639  | 28.42 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.51  | 113 | 278255  | 26.81 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.96  | 128 | 142913  | 29.20 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.68  | 143 | 163954  | 29.28 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.22 | 165 | 316526  | 27.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.73 | 131 | 302465  | 27.30 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.85 | 166 | 1018669 | 30.60 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.13 | 160 | 1209587 | 29.37 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.66 | 143 | 114150  | 21.40 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.43 | 176 | 858981  | 30.12 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.57 | 200 | 62862   | 11.02 | ng/ul | 0.01 |
| 70) Anthracene-d10             | 17.29 | 188 | 1297856 | 31.09 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.58 | 212 | 1247939 | 37.24 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.51 | 264 | 1204950 | 33.37 | ng/ul | 0.01 |

## Target Compounds

|                            |       |     |          |        | Qvalue |    |
|----------------------------|-------|-----|----------|--------|--------|----|
| 6) Phenol                  | 7.00  | 94  | 33581    | 2.721  | ng/ul  | 97 |
| 28) Naphthalene            | 10.64 | 128 | 231864   | 7.001  | ng/ul  | 98 |
| 34) 2-Methylnaphthalene    | 12.25 | 142 | 52778    | 2.085  | ng/ul  | 98 |
| 44) Dimethylphthalate      | 13.90 | 163 | 278671   | 8.435  | ng/ul# | 99 |
| 69) Phenanthrene           | 17.23 | 178 | 896283m  | 18.980 | ng/ul  |    |
| 71) Anthracene             | 17.32 | 178 | 214536   | 4.382  | ng/ul  | 98 |
| 75) Di-n-butylphthalate    | 18.15 | 149 | 260869   | 5.452  | ng/ul  | 99 |
| 76) Fluoranthene           | 19.24 | 202 | 1286235m | 22.667 | ng/ul  |    |
| 79) Pyrene                 | 19.61 | 202 | 1054079  | 24.462 | ng/ul# | 93 |
| 82) Benzo(a)anthracene     | 21.35 | 228 | 559067   | 12.793 | ng/ul  | 98 |
| 84) Chrysene               | 21.40 | 228 | 515278   | 13.010 | ng/ul  | 97 |
| 87) Benzo(b)fluoranthene   | 22.97 | 252 | 741896   | 15.895 | ng/ul# | 97 |
| 88) Benzo(k)fluoranthene   | 23.01 | 252 | 209581m  | 4.724  | ng/ul  |    |
| 90) Benzo(a)pyrene         | 23.56 | 252 | 494581m  | 11.136 | ng/ul  |    |
| 91) Indeno(1,2,3-cd)pyrene | 25.97 | 276 | 396896   | 7.415  | ng/ul# | 87 |
| 92) Dibenzo(a,h)anthracene | 25.97 | 278 | 105671   | 2.332  | ng/ul# | 93 |
| 93) Benzo(g,h,i)perylene   | 26.68 | 276 | 338592   | 7.677  | ng/ul# | 90 |

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

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