

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\  
 Data File : BM017506.D  
 Acq On : 03 Nov 2018 00:50  
 Operator : MJ/SJ  
 Sample : J5635-12  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A40J5

Manual Integrations  
 APPROVED

Sohil  
 11/5/2018 4:06:10 PM

Quant Time: Nov 03 03:42:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Nov 03 03:58:03 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 187061   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.40 | 136  | 737103   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.27 | 164  | 358325   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.03 | 188  | 669360   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.22 | 240  | 450126   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.42 | 264  | 364409   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.21  | 96  | 18122  | 4.46  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.81  | 99  | 352938 | 20.65 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.97  | 67  | 224990 | 22.58 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.17  | 132 | 298294 | 22.52 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.34  | 113 | 235076 | 17.40 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.79  | 128 | 136346 | 23.67 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 147307 | 22.80 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 255525 | 21.29 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 232082 | 23.69 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.69 | 166 | 678538 | 22.08 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.96 | 160 | 886513 | 23.76 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.51 | 143 | 65923m | 11.48 | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.27 | 176 | 601849 | 22.55 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 62842  | 13.47 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.12 | 188 | 805867 | 24.32 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.43 | 212 | 753435 | 36.13 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.28 | 264 | 507770 | 26.38 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |        | Ovalue    |
|----------------------------|-------|-----|---------|--------|-----------|
| 6) Phenol                  | 6.84  | 94  | 99048   | 5.838  | ng/ul 97  |
| 45) Dimethylphthalate      | 13.74 | 163 | 219349  | 7.368  | ng/ul# 97 |
| 70) Phenanthrene           | 17.07 | 178 | 296085  | 7.703  | ng/ul 98  |
| 72) Anthracene             | 17.16 | 178 | 86615   | 2.219  | ng/ul 98  |
| 77) Fluoranthene           | 19.09 | 202 | 1233119 | 27.988 | ng/ul 99  |
| 80) Pyrene                 | 19.46 | 202 | 1024050 | 39.178 | ng/ul 99  |
| 83) Benzo(a)anthracene     | 21.21 | 228 | 449650  | 16.324 | ng/ul 98  |
| 85) Chrysene               | 21.26 | 228 | 416199  | 15.890 | ng/ul 97  |
| 88) Benzo(b)fluoranthene   | 22.77 | 252 | 463905  | 21.748 | ng/ul 96  |
| 89) Benzo(k)fluoranthene   | 22.81 | 252 | 147364m | 7.072  | ng/ul     |
| 91) Benzo(a)pyrene         | 23.33 | 252 | 297614  | 14.282 | ng/ul 97  |
| 92) Indeno(1,2,3-cd)pyrene | 25.61 | 276 | 182892  | 7.213  | ng/ul 93  |
| 93) Dibenzo(a,h)anthracene | 25.61 | 278 | 46088   | 2.177  | ng/ul# 84 |
| 94) Benzo(g,h,i)perylene   | 26.28 | 276 | 122370  | 5.681  | ng/ul 98  |

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

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