

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\  
 Data File : BM027338.D  
 Acq On : 04 Sep 2020 19:56  
 Operator : JU/CG  
 Sample : L3840-20  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AB8

Manual Integrations  
 APPROVED

mohammad  
 9/8/2020 1:45:49 PM

Quant Time: Sep 05 01:37:29 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 05 00:52:50 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 132646   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.34 | 136  | 532761   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.21 | 164  | 400538   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.96 | 188  | 958088   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.16 | 240  | 1263515  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.33 | 264  | 1355630  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 9896    | 3.32  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.76  | 99  | 162548  | 14.87 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.92  | 67  | 124296  | 17.12 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.11  | 132 | 131795  | 16.46 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 138661  | 15.55 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 68859   | 17.17 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 77349   | 17.59 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.97  | 165 | 148153  | 15.65 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.48 | 131 | 182110  | 16.28 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.63 | 166 | 612622  | 19.22 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.90 | 160 | 646913  | 17.97 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.42 | 143 | 62059   | 11.06 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.21 | 176 | 501256  | 17.56 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 76492   | 12.47 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.06 | 188 | 808495  | 17.84 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.36 | 212 | 1092958 | 19.42 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.19 | 264 | 1392569 | 19.15 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |             | Ovalue |
|----------------------------|-------|-----|---------|-------------|--------|
| 45) Dimethylphthalate      | 13.67 | 163 | 253537  | 7.549 ng/ul | 99     |
| 77) Fluoranthene           | 19.02 | 202 | 229713  | 3.398 ng/ul | 99     |
| 80) Pyrene                 | 19.39 | 202 | 294384  | 3.851 ng/ul | 99     |
| 83) Benzo(a)anthracene     | 21.14 | 228 | 380852  | 4.652 ng/ul | 98     |
| 85) Chrysene               | 21.20 | 228 | 592393  | 7.323 ng/ul | 99     |
| 88) Benzo(b)fluoranthene   | 22.69 | 252 | 567057m | 6.336 ng/ul |        |
| 89) Benzo(k)fluoranthene   | 22.73 | 252 | 182973  | 2.039 ng/ul | 99     |
| 91) Benzo(a)pyrene         | 23.24 | 252 | 322231  | 3.859 ng/ul | 99     |
| 92) Indeno(1,2,3-cd)pyrene | 25.49 | 276 | 140683  | 1.283 ng/ul | 95     |
| 94) Benzo(g,h,i)perylene   | 26.14 | 276 | 113996  | 1.244 ng/ul | 95     |

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

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