

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\  
 Data File : BM027105.D  
 Acq On : 15 Aug 2020 02:22  
 Operator : JU/CG  
 Sample : L3631-16  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFMN2

Manual Integrations  
 APPROVED

mohammad  
 8/19/2020 8:19:12 AM

Quant Time: Aug 17 03:16:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM080720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 13 11:47:07 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 172911   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.41 | 136  | 601744   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.27 | 164  | 398399   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.02 | 188  | 826960   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.20 | 240  | 867675   | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.40 | 264  | 875140   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 8502   | 2.23  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 180648 | 13.44 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.97  | 67  | 127466 | 13.84 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.17  | 132 | 143858 | 13.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.34  | 113 | 142951 | 13.64 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 70044  | 14.69 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 74725  | 15.12 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 149411 | 14.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.54 | 131 | 169651 | 14.05 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.69 | 166 | 497720 | 15.67 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.96 | 160 | 555877 | 14.68 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.47 | 143 | 53545  | 9.98  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.27 | 176 | 406311 | 14.67 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 39650  | 8.78  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.11 | 188 | 601160 | 14.76 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.41 | 212 | 674275 | 15.58 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.26 | 264 | 724331 | 14.83 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |              | Ovalue |
|----------------------------|-------|-----|---------|--------------|--------|
| 6) Phenol                  | 6.85  | 94  | 24253   | 1.711 ng/ul  | 90     |
| 45) Dimethylphthalate      | 13.73 | 163 | 97196   | 2.919 ng/ul  | 99     |
| 48) Acenaphthylene         | 13.99 | 152 | 44992   | 1.169 ng/ul# | 97     |
| 70) Phenanthrene           | 17.06 | 178 | 423875  | 8.550 ng/ul  | 99     |
| 72) Anthracene             | 17.14 | 178 | 100864  | 1.999 ng/ul  | 96     |
| 77) Fluoranthene           | 19.07 | 202 | 792585  | 13.184 ng/ul | 100    |
| 80) Pyrene                 | 19.44 | 202 | 719927  | 12.224 ng/ul | 99     |
| 83) Benzo(a)anthracene     | 21.19 | 228 | 432158  | 7.398 ng/ul  | 94     |
| 85) Chrysene               | 21.24 | 228 | 422331  | 7.366 ng/ul  | 98     |
| 88) Benzo(b)fluoranthene   | 22.75 | 252 | 555480  | 9.141 ng/ul  | 97     |
| 89) Benzo(k)fluoranthene   | 22.79 | 252 | 208183m | 3.457 ng/ul  |        |
| 91) Benzo(a)pyrene         | 23.30 | 252 | 400494  | 7.242 ng/ul  | 97     |
| 92) Indeno(1,2,3-cd)pyrene | 25.59 | 276 | 273331  | 3.836 ng/ul  | 98     |
| 93) Dibenzo(a,h)anthracene | 25.60 | 278 | 83134   | 1.377 ng/ul# | 90     |
| 94) Benzo(g,h,i)perylene   | 26.26 | 276 | 223963  | 3.805 ng/ul  | 97     |

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

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