

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\  
 Data File : BM027043.D  
 Acq On : 12 Aug 2020 11:49  
 Operator : JU/CG  
 Sample : L3612-07  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBFN5

Manual Integrations  
 APPROVED

mohammad  
 8/13/2020 11:46:42 AM

Quant Time: Aug 12 13:06:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM080720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 12 11:04:55 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 77309    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.41 | 136  | 278782   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.27 | 164  | 181876   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.02 | 188  | 388335   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.21 | 240  | 462208   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.41 | 264  | 506233   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 4476   | 2.63  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 78997  | 13.14 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67  | 62934  | 15.28 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.18  | 132 | 64982  | 13.71 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.35  | 113 | 38322  | 8.18  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 30866  | 13.97 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 30489  | 13.31 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.04 | 165 | 67158  | 13.95 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 44754  | 8.00  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.69 | 166 | 242157 | 16.70 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.96 | 160 | 262929 | 15.21 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.47 | 143 | 25447  | 10.39 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.27 | 176 | 202083 | 15.99 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 25799  | 12.16 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.12 | 188 | 304117 | 15.90 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.42 | 212 | 363267 | 15.76 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.27 | 264 | 449942 | 15.92 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 45) Dimethylphthalate          | 13.73 | 163 | 73867  | 4.860 | ng/ul 98  |
| 70) Phenanthrene               | 17.06 | 178 | 25065  | 1.077 | ng/ul 96  |
| 77) Fluoranthene               | 19.08 | 202 | 86487  | 3.064 | ng/ul 97  |
| 80) Pyrene                     | 19.44 | 202 | 75971  | 2.422 | ng/ul 98  |
| 83) Benzo(a)anthracene         | 21.20 | 228 | 44471  | 1.429 | ng/ul 96  |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 17430  | 1.001 | ng/ul 99  |
| 85) Chrysene                   | 21.24 | 228 | 57777  | 1.892 | ng/ul 98  |
| 88) Benzo(b)fluoranthene       | 22.76 | 252 | 91258  | 2.596 | ng/ul# 97 |
| 89) Benzo(k)fluoranthene       | 22.79 | 252 | 35507m | 1.019 | ng/ul     |
| 91) Benzo(a)pyrene             | 23.31 | 252 | 52285  | 1.634 | ng/ul 96  |
| 92) Indeno(1,2,3-cd)pyrene     | 25.60 | 276 | 45298  | 1.099 | ng/ul# 92 |
| 94) Benzo(g,h,i)perylene       | 26.26 | 276 | 41244  | 1.211 | ng/ul 97  |

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

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