

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\  
 Data File : BM021342.D  
 Acq On : 02 Jul 2019 14:34  
 Operator : HP/JU  
 Sample : K3594-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C5BC7

Manual Integrations  
 APPROVED

mohammad  
 7/3/2019 10:50:22 PM

Quant Time: Jul 02 17:16:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 02 01:54:12 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.75  | 152  | 225209   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.53 | 136  | 995209   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.39 | 164  | 618617   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.14 | 188  | 1321137  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.33 | 240  | 926861   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.60 | 264  | 1088042  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.28  | 96  | 21371   | 4.51  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.92  | 99  | 494960  | 25.25 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.09  | 67  | 282415  | 24.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.28  | 132 | 412061  | 25.87 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.46  | 113 | 439178  | 26.84 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.91  | 128 | 225279  | 27.88 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.63  | 143 | 270863  | 30.19 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.16 | 165 | 515513  | 28.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.68 | 131 | 472515  | 24.84 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.81 | 166 | 1626082 | 29.09 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.09 | 160 | 1808953 | 26.44 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.62 | 143 | 194519  | 21.39 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.39 | 176 | 1349109 | 27.75 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 163518  | 20.13 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.24 | 188 | 1902563 | 27.71 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.54 | 212 | 1771651 | 31.85 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.46 | 264 | 1764935 | 27.49 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 4) Benzaldehyde                | 6.90  | 77  | 10135   | 1.134  | ng/ul 89  |
| 6) Phenol                      | 6.95  | 94  | 21005   | 1.133  | ng/ul 92  |
| 44) Dimethylphthalate          | 13.85 | 163 | 313467  | 6.161  | ng/ul 98  |
| 69) Phenanthrene               | 17.19 | 178 | 322041  | 4.408  | ng/ul 98  |
| 75) Di-n-butylphthalate        | 18.11 | 149 | 78931   | 1.071  | ng/ul 100 |
| 76) Fluoranthene               | 19.20 | 202 | 931576  | 11.800 | ng/ul 100 |
| 79) Pyrene                     | 19.57 | 202 | 734239  | 11.205 | ng/ul 99  |
| 82) Benzo(a)anthracene         | 21.32 | 228 | 434547  | 6.877  | ng/ul 98  |
| 83) Bis(2-ethylhexyl)phthalate | 21.24 | 149 | 83976   | 2.432  | ng/ul 99  |
| 84) Chrysene                   | 21.37 | 228 | 453786  | 7.668  | ng/ul 99  |
| 87) Benzo(b)fluoranthene       | 22.92 | 252 | 723019  | 10.490 | ng/ul# 98 |
| 88) Benzo(k)fluoranthene       | 22.96 | 252 | 238965m | 3.604  | ng/ul     |
| 90) Benzo(a)pyrene             | 23.50 | 252 | 409391  | 6.311  | ng/ul 98  |
| 91) Indeno(1,2,3-cd)pyrene     | 25.89 | 276 | 340887  | 4.463  | ng/ul 95  |
| 92) Dibenzo(a,h)anthracene     | 25.89 | 278 | 92000   | 1.432  | ng/ul# 94 |
| 93) Benzo(g,h,i)perylene       | 26.59 | 276 | 258233  | 4.105  | ng/ul 99  |

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

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