

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\  
 Data File : BM021681.D  
 Acq On : 27 Jul 2019 10:05  
 Operator : HP/JU  
 Sample : K3893-06MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 BEP11MS

Manual Integrations  
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 7/29/2019 2:29:34 PM

Quant Time: Aug 05 07:03:29 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072619MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 26 18:42:09 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 149460   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.46 | 136  | 595748   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.33 | 164  | 353635   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.08 | 188  | 689581   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.27 | 240  | 657687   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.51 | 264  | 765370   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 18670   | 6.01  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.86  | 99  | 382951  | 34.06 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.03  | 67  | 248789  | 38.65 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.22  | 132 | 347704  | 37.27 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.39  | 113 | 297692  | 31.55 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.85  | 128 | 181979  | 40.85 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.56  | 143 | 204210  | 41.61 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.09 | 165 | 387640  | 36.89 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.62 | 131 | 309246  | 31.12 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.74 | 166 | 1172308 | 42.95 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.02 | 160 | 1350441 | 41.63 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.56 | 143 | 77112   | 18.61 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.32 | 176 | 1008842 | 42.13 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 85382   | 19.92 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.18 | 188 | 1455415 | 41.94 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.48 | 212 | 1514272 | 41.04 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.37 | 264 | 1653792 | 40.84 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue |     |
|--------------------------------|-------|-----|---------|--------|--------|-----|
| 6) Phenol                      | 6.89  | 94  | 341547  | 28.467 | ng/ul  | 96  |
| 10) 2-Chlorophenol             | 7.25  | 128 | 309052  | 30.885 | ng/ul  | 96  |
| 15) N-Nitroso-di-n-propylamine | 8.49  | 70  | 258185  | 33.536 | ng/ul  | 99  |
| 33) 4-Chloro-3-methylphenol    | 11.76 | 107 | 319770  | 30.532 | ng/ul  | 97  |
| 44) Dimethylphthalate          | 13.79 | 163 | 200873  | 7.090  | ng/ul  | 99  |
| 49) Acenaphthene               | 14.39 | 153 | 877123  | 36.195 | ng/ul  | 99  |
| 52) 4-Nitrophenol              | 14.57 | 109 | 73201   | 19.511 | ng/ul  | 97  |
| 54) 2,4-Dinitrotoluene         | 14.72 | 165 | 269135  | 36.466 | ng/ul# | 84  |
| 58) Fluorene                   | 15.38 | 166 | 34219   | 1.202  | ng/ul# | 96  |
| 68) Pentachlorophenol          | 16.73 | 266 | 134335  | 21.315 | ng/ul  | 96  |
| 69) Phenanthrene               | 17.12 | 178 | 780145  | 18.784 | ng/ul  | 99  |
| 71) Anthracene                 | 17.21 | 178 | 146890  | 3.453  | ng/ul  | 99  |
| 74) Carbazole                  | 17.49 | 167 | 77578   | 2.202  | ng/ul  | 96  |
| 76) Fluoranthene               | 19.14 | 202 | 2127480 | 43.910 | ng/ul  | 100 |
| 79) Pyrene                     | 19.51 | 202 | 3651300 | 74.405 | ng/ul  | 99  |
| 82) Benzo(a)anthracene         | 21.26 | 228 | 1029776 | 21.501 | ng/ul  | 97  |
| 83) Bis(2-ethylhexyl)phthalate | 21.18 | 149 | 65451   | 3.003  | ng/ul  | 99  |
| 84) Chrysene                   | 21.31 | 228 | 1196611 | 26.502 | ng/ul  | 98  |
| 87) Benzo(b)fluoranthene       | 22.84 | 252 | 1686398 | 32.383 | ng/ul  | 99  |
| 88) Benzo(k)fluoranthene       | 22.87 | 252 | 458301m | 9.002  | ng/ul  |     |
| 90) Benzo(a)pyrene             | 23.41 | 252 | 1048786 | 21.510 | ng/ul  | 99  |
| 91) Indeno(1,2,3-cd)pyrene     | 25.75 | 276 | 813596  | 14.390 | ng/ul  | 97  |
| 92) Dibenzo(a,h)anthracene     | 25.76 | 278 | 202654  | 4.311  | ng/ul# | 94  |

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|--------------------------|-------|------|----------|--------|-------|----------|
| 93) Benzo(q,h,i)perylene | 26.44 | 276  | 694216   | 14.766 | ng/ul | 99       |

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

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