

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\  
 Data File : BM023199.D  
 Acq On : 16 Oct 2019 20:21  
 Operator : JU  
 Sample : K5199-12DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BEP79DL

Manual Integrations  
 APPROVED

mohammad  
 10/18/2019 8:27:01 AM

Quant Time: Oct 17 11:45:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 17 04:31:06 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 485297   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 1944063  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.31 | 164  | 1103699  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.05 | 188  | 2069856  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.24 | 240  | 1975351  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.46 | 264  | 2410838  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.18  | 96  | 8918   | 0.81 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.83  | 99  | 141230 | 3.34 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 101168 | 4.23 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.19  | 132 | 121502 | 3.76 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 100478 | 2.96 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 60029  | 4.56 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.53  | 143 | 54959  | 4.39 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.06 | 165 | 123106 | 3.87 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.57 | 131 | 60508  | 1.56 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.72 | 166 | 379812 | 4.49 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.00 | 160 | 461222 | 4.65 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.49 | 143 | 21855  | 1.60 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.30 | 176 | 336507 | 4.67 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 20432  | 2.49 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.15 | 188 | 494276 | 4.95 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.44 | 212 | 521122 | 5.45 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.31 | 264 | 603610 | 4.94 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 45) Dimethylphthalate          | 13.77 | 163 | 132097  | 1.560  | ng/ul 100 |
| 70) Phenanthrene               | 17.09 | 178 | 634969  | 5.466  | ng/ul 99  |
| 72) Anthracene                 | 17.19 | 178 | 147750  | 1.231  | ng/ul 98  |
| 76) Di-n-butylphthalate        | 18.04 | 149 | 2220617 | 17.402 | ng/ul 99  |
| 77) Fluoranthene               | 19.12 | 202 | 1354306 | 9.803  | ng/ul 100 |
| 80) Pyrene                     | 19.47 | 202 | 1428692 | 11.545 | ng/ul 99  |
| 83) Benzo(a)anthracene         | 21.23 | 228 | 850901  | 6.357  | ng/ul 96  |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 1938098 | 28.319 | ng/ul 100 |
| 85) Chrysene                   | 21.28 | 228 | 853992  | 6.872  | ng/ul 98  |
| 88) Benzo(b)fluoranthene       | 22.80 | 252 | 1059790 | 7.250  | ng/ul 99  |
| 89) Benzo(k)fluoranthene       | 22.83 | 252 | 409378m | 2.917  | ng/ul     |
| 91) Benzo(a)pyrene             | 23.36 | 252 | 847184  | 6.041  | ng/ul 98  |
| 92) Indeno(1,2,3-cd)pyrene     | 25.67 | 276 | 573527  | 3.438  | ng/ul 99  |
| 93) Dibenzo(a,h)anthracene     | 25.67 | 278 | 154207  | 1.105  | ng/ul# 85 |
| 94) Benzo(g,h,i)perylene       | 26.34 | 276 | 433018  | 3.152  | ng/ul 99  |

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

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