

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\  
 Data File : BP000814.D  
 Acq On : 16 Oct 2019 15:44  
 Operator : JU  
 Sample : K5223-10  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BEPE2

Manual Integrations  
 APPROVED

mohammad  
 10/20/2019 8:10:57 PM

Quant Time: Oct 17 09:12:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP100919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 17 07:55:39 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 130613   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 8.03  | 136  | 484608   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 9.80  | 164  | 263775   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 11.29 | 188  | 477273   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 13.97 | 240  | 398092   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 15.45 | 264  | 430622   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.38  | 96  | 16059m | 5.10  | ng/uL | 0.02 |
| 5) Phenol-d5                   | 6.39  | 99  | 268873 | 26.69 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.43  | 67  | 158594 | 31.49 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.52  | 132 | 253772 | 29.90 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 7.13  | 113 | 142251 | 18.48 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 7.30  | 128 | 125370 | 34.03 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 7.63  | 143 | 133023 | 33.91 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 7.88  | 165 | 224516 | 29.91 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 8.09  | 131 | 261862 | 31.36 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 9.49  | 166 | 664590 | 35.99 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 9.64  | 160 | 778843 | 34.29 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 9.92  | 143 | 53252  | 18.72 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 10.32 | 176 | 551092 | 34.88 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 10.39 | 200 | 42565  | 18.73 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 11.35 | 188 | 758855 | 34.33 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 12.73 | 212 | 809780 | 35.97 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 15.36 | 264 | 747171 | 35.15 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        |        | Ovalue |    |
|--------------------------|-------|-----|--------|--------|--------|----|
| 6) Phenol                | 6.40  | 94  | 39688  | 3.907  | ng/ul  | 99 |
| 45) Dimethylphthalate    | 9.51  | 163 | 210409 | 11.436 | ng/ul  | 99 |
| 70) Phenanthrene         | 11.32 | 178 | 109186 | 4.198  | ng/ul  | 99 |
| 77) Fluoranthene         | 12.52 | 202 | 129966 | 4.876  | ng/ul  | 99 |
| 80) Pyrene               | 12.75 | 202 | 116171 | 4.113  | ng/ul# | 93 |
| 83) Benzo(a)anthracene   | 13.96 | 228 | 61230  | 2.292  | ng/ul  | 97 |
| 85) Chrysene             | 14.00 | 228 | 55965  | 2.254  | ng/ul  | 96 |
| 88) Benzo(b)fluoranthene | 15.02 | 252 | 62273  | 2.424  | ng/ul  | 96 |
| 91) Benzo(a)pyrene       | 15.39 | 252 | 50097  | 2.059  | ng/ul  | 96 |
| 94) Benzo(a,h,i)perylene | 17.36 | 276 | 26282  | 1.132  | ng/ul  | 96 |

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

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