

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\  
 Data File : BP000376.D  
 Acq On : 23 Sep 2019 21:30  
 Operator : HP/JU  
 Sample : K4997-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-10-091919

Manual Integrations  
 APPROVED

mohammad  
 9/24/2019 2:38:54 PM

Quant Time: Sep 24 05:03:27 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 19 14:44:51 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 261971   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.08  | 136  | 911860   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.83  | 164  | 341140   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.33 | 188  | 691120   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.99 | 240  | 573500   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.47 | 264  | 652448   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 1955025 | 128.83 | ng | 0.02 |
| 7) Phenol-d6             | 6.43  | 99  | 2528624 | 135.94 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.35  | 82  | 1420014 | 100.47 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 598798  | 176.97 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.15  | 172 | 2857624 | 150.76 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.93 | 244 | 2795409 | 102.26 | ng | 0.00 |

## Target Compounds

|                            |       |     |         |        |    | Qvalue |
|----------------------------|-------|-----|---------|--------|----|--------|
| 49) Acenaphthylene         | 9.69  | 152 | 164836  | 5.539  | ng | 99     |
| 50) Dimethylphthalate      | 9.55  | 163 | 173361  | 7.459  | ng | 98     |
| 71) Phenanthrene           | 11.35 | 178 | 539143  | 15.567 | ng | 99     |
| 72) Anthracene             | 11.40 | 178 | 144942  | 4.066  | ng | 99     |
| 75) Fluoranthene           | 12.55 | 202 | 846424  | 22.760 | ng | 97     |
| 78) Pyrene                 | 12.78 | 202 | 968633  | 22.575 | ng | 99     |
| 81) Benzo(a)anthracene     | 13.98 | 228 | 440890m | 12.170 | ng |        |
| 83) Chrysene               | 14.02 | 228 | 477892  | 13.436 | ng | 96     |
| 86) Indeno(1,2,3-cd)pyrene | 16.96 | 276 | 265862m | 6.132  | ng |        |
| 88) Benzo(b)fluoranthene   | 15.05 | 252 | 520648m | 13.376 | ng |        |
| 89) Benzo(k)fluoranthene   | 15.07 | 252 | 146829m | 4.325  | ng |        |
| 90) Benzo(a)pyrene         | 15.41 | 252 | 402224  | 11.357 | ng | 97     |
| 91) Dibenzo(a,h)anthracene | 16.97 | 278 | 70489   | 2.135  | ng | # 91   |
| 92) Benzo(a,h,i)perylene   | 17.40 | 276 | 276272  | 8.140  | ng | 97     |

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

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