

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\  
 Data File : BP000124.D  
 Acq On : 09 Sep 2019 05:37  
 Operator : HP/JU  
 Sample : K4636-14 2X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-33-COMP

Manual Integrations  
 APPROVED

mohammad  
 9/10/2019 2:51:36 PM

Quant Time: Sep 09 08:38:58 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 17:47:17 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 430235   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 1604127  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.94  | 164  | 881511   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.43 | 188  | 1551819  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.10 | 240  | 1040154  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.63 | 264  | 1169988  | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.52  | 112 | 1147127 | 42.52 | ng | 0.00 |
| 7) Phenol-d6                | 6.51  | 99  | 1540956 | 45.24 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.45  | 82  | 811479  | 31.04 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.73 | 330 | 338377  | 45.54 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.25  | 172 | 1699946 | 32.20 | ng | 0.00 |
| 79) Terphenyl-d14           | 13.03 | 244 | 1655247 | 34.69 | ng | 0.00 |

|                                |       |     |          |         |        |      |
|--------------------------------|-------|-----|----------|---------|--------|------|
| Target Compounds               |       |     |          |         | Qvalue |      |
| 31) Naphthalene                | 8.19  | 128 | 256747   | 3.488   | ng     | 100  |
| 49) Acenaphthylene             | 9.79  | 152 | 261127   | 3.407   | ng     | 98   |
| 50) Dimethylphthalate          | 9.65  | 163 | 237235   | 3.949   | ng     | 99   |
| 52) Acenaphthene               | 9.97  | 154 | 247467   | 5.145   | ng     | 96   |
| 55) Dibenzofuran               | 10.14 | 168 | 214665   | 3.143   | ng     | 98   |
| 58) Fluorene                   | 10.49 | 166 | 271059   | 5.273   | ng     | 98   |
| 71) Phenanthrene               | 11.46 | 178 | 3774310  | 48.798  | ng     | 99   |
| 72) Anthracene                 | 11.51 | 178 | 991587   | 12.978  | ng     | 99   |
| 73) Carbazole                  | 11.66 | 167 | 447871   | 6.210   | ng     | 97   |
| 75) Fluoranthene               | 12.66 | 202 | 5189412  | 61.742  | ng     | 96   |
| 78) Pyrene                     | 12.90 | 202 | 4877741  | 63.744  | ng     | 98   |
| 81) Benzo(a)anthracene         | 14.09 | 228 | 2221633  | 32.961  | ng     | 99   |
| 83) Chrysene                   | 14.13 | 228 | 2542013  | 39.873  | ng     | 98   |
| 84) Bis(2-ethylhexyl)phthalate | 14.09 | 149 | 4876713  | 109.912 | ng     | # 94 |
| 86) Indeno(1,2,3-cd)pyrene     | 17.19 | 276 | 1412332  | 17.679  | ng     | 93   |
| 88) Benzo(b)fluoranthene       | 15.19 | 252 | 3460331m | 48.420  | ng     |      |
| 89) Benzo(k)fluoranthene       | 15.21 | 252 | 894058m  | 13.671  | ng     |      |
| 90) Benzo(a)pyrene             | 15.57 | 252 | 2238413  | 34.698  | ng     | 98   |
| 91) Dibenzo(a,h)anthracene     | 17.19 | 278 | 370153   | 5.738   | ng     | 94   |
| 92) Benzo(a,h,i)perylene       | 17.65 | 276 | 1291334  | 20.223  | ng     | 96   |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\  
Data File : BP000124.D  
Acq On : 09 Sep 2019 05:37  
Operator : HP/JU  
Sample : K4636-14 2X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleID :  
SB-33-COMP

Manual Integrations  
APPROVED

mohammad  
9/10/2019 2:51:36 PM

Quant Time: Sep 09 08:38:58 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 30 17:47:17 2019  
Response via : Initial Calibration

