

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\  
 Data File : BP000147.D  
 Acq On : 09 Sep 2019 21:15  
 Operator : HP/JU  
 Sample : K4633-03MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleID :  
 F2D01MSD

Manual Integrations  
 APPROVED

mohammad  
 9/10/2019 2:52:37 PM

Quant Time: Sep 10 05:03:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP090519MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 10 02:43:18 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 361232   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 8.17  | 136  | 1401247  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 9.95  | 164  | 792169   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 11.45 | 188  | 1447070  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 14.14 | 240  | 1212537  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 15.68 | 264  | 1263196  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.60  | 96  | 50383   | 4.95  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.51  | 99  | 882941  | 28.70 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.57  | 67  | 470724  | 29.26 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.66  | 132 | 717803  | 28.85 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 7.26  | 113 | 458286  | 19.83 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 7.45  | 128 | 344515  | 32.38 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 7.77  | 143 | 363632  | 35.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 8.02  | 165 | 619455  | 28.18 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 8.23  | 131 | 665147  | 24.47 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 9.63  | 166 | 1762842 | 30.14 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 9.79  | 160 | 2130713 | 29.48 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 10.03 | 143 | 288294  | 27.58 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 10.47 | 176 | 1505912 | 30.32 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 10.53 | 200 | 186204  | 28.00 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 11.50 | 188 | 1867131 | 26.64 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 12.90 | 212 | 2272065 | 31.51 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 15.58 | 264 | 2047663 | 31.27 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue |     |
|--------------------------------|-------|-----|---------|--------|--------|-----|
| 6) Phenol                      | 6.53  | 94  | 968507  | 30.203 | ng/ul  | 96  |
| 10) 2-Chlorophenol             | 6.67  | 128 | 691378  | 26.321 | ng/ul  | 96  |
| 15) N-Nitroso-di-n-propylamine | 7.30  | 70  | 485413  | 29.800 | ng/ul  | 95  |
| 33) 4-Chloro-3-methylphenol    | 8.72  | 107 | 575525  | 25.731 | ng/ul  | 98  |
| 45) Dimethylphthalate          | 9.65  | 163 | 734981  | 12.452 | ng/ul  | 100 |
| 50) Acenaphthene               | 9.98  | 153 | 1491900 | 28.509 | ng/ul  | 99  |
| 53) 4-Nitrophenol              | 10.04 | 109 | 213493  | 27.444 | ng/ul  | 95  |
| 55) 2,4-Dinitrotoluene         | 10.12 | 165 | 465757  | 30.296 | ng/ul# | 95  |
| 69) Pentachlorophenol          | 11.25 | 266 | 267330  | 26.685 | ng/ul  | 98  |
| 70) Phenanthrene               | 11.47 | 178 | 815686  | 9.532  | ng/ul  | 100 |
| 72) Anthracene                 | 11.52 | 178 | 118616  | 1.409  | ng/ul  | 100 |
| 75) Carbazole                  | 11.67 | 167 | 115348  | 1.602  | ng/ul  | 99  |
| 77) Fluoranthene               | 12.68 | 202 | 1727200 | 20.011 | ng/ul  | 100 |
| 80) Pyrene                     | 12.92 | 202 | 3805117 | 41.595 | ng/ul  | 99  |
| 83) Benzo(a)anthracene         | 14.13 | 228 | 860319  | 9.802  | ng/ul  | 97  |
| 85) Chrysene                   | 14.16 | 228 | 947769  | 11.767 | ng/ul  | 98  |
| 88) Benzo(b)fluoranthene       | 15.22 | 252 | 1526966 | 18.239 | ng/ul  | 99  |
| 89) Benzo(k)fluoranthene       | 15.25 | 252 | 409036m | 5.183  | ng/ul  |     |
| 91) Benzo(a)pyrene             | 15.61 | 252 | 888369  | 11.309 | ng/ul  | 98  |
| 92) Indeno(1,2,3-cd)pyrene     | 17.23 | 276 | 756772  | 8.374  | ng/ul  | 99  |
| 93) Dibenzo(a,h)anthracene     | 17.24 | 278 | 205238  | 2.742  | ng/ul  | 98  |
| 94) Benzo(a,h,i)perylene       | 17.70 | 276 | 665740  | 8.836  | ng/ul  | 98  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP090919\  
Data File : BP000147.D  
Acq On : 09 Sep 2019 21:15  
Operator : HP/JU  
Sample : K4633-03MSD  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
F2D01MSD

Manual Integrations  
APPROVED

mohammad  
9/10/2019 2:52:37 PM

Quant Time: Sep 10 05:03:40 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP090519MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 10 02:43:18 2019  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

-----

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\  
Data File : BP000147.D  
Acq On : 09 Sep 2019 21:15  
Operator : HP/JU  
Sample : K4633-03MSD  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
F2D01MSD

Manual Integrations  
APPROVED

mohammad  
9/10/2019 2:52:37 PM

Quant Time: Sep 10 05:03:40 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP090519MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 10 02:43:18 2019  
Response via : Initial Calibration

