

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\  
 Data File : BP001517.D  
 Acq On : 03 Jan 2020 20:39  
 Operator : JU  
 Sample : K6482-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MC-123119-2-5-COMP-B6

Manual Integrations  
 APPROVED

mohammad  
 1/6/2020 11:42:47 AM

Quant Time: Jan 04 03:26:34 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 03 15:57:46 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.70  | 152  | 67402    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.47 | 136  | 231503   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.34 | 164  | 139812   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.10 | 188  | 302599   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.20 | 240  | 275111   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 23.46 | 264  | 320973   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.35  | 112  | 416463   | 103.80 | ng    | 0.04     |
| 7) Phenol-d6                | 6.92  | 99   | 549196   | 101.63 | ng    | 0.05     |
| 23) Nitrobenzene-d5         | 8.85  | 82   | 325265   | 69.40  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.84 | 330  | 161699   | 102.19 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.96 | 172  | 611802   | 64.34  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.68 | 244  | 868381   | 62.90  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.95  | 94   | 18847    | 3.315  | ng    | 98       |
| 49) Acenaphthylene          | 14.06 | 152  | 65021    | 4.940  | ng    | 97       |
| 50) Dimethylphthalate       | 13.82 | 163  | 36782    | 3.366  | ng    | # 99     |
| 52) Acenaphthene            | 14.40 | 154  | 25081    | 3.036  | ng    | 95       |
| 58) Fluorene                | 15.39 | 166  | 29395    | 3.050  | ng    | 94       |
| 71) Phenanthrene            | 17.14 | 178  | 552712   | 33.677 | ng    | 99       |
| 72) Anthracene              | 17.23 | 178  | 121652   | 7.479  | ng    | 100      |
| 73) Carbazole               | 17.50 | 167  | 43463    | 2.888  | ng    | 97       |
| 75) Fluoranthene            | 19.12 | 202  | 1154707  | 58.119 | ng    | 98       |
| 78) Pyrene                  | 19.47 | 202  | 1130204  | 56.614 | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.18 | 228  | 616119   | 31.917 | ng    | 97       |
| 83) Chrysene                | 21.23 | 228  | 589530   | 31.851 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene  | 25.75 | 276  | 362146   | 16.077 | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 22.79 | 252  | 729958m  | 36.729 | ng    |          |
| 89) Benzo(k)fluoranthene    | 22.82 | 252  | 209118m  | 10.985 | ng    |          |
| 90) Benzo(a)pyrene          | 23.36 | 252  | 587215   | 31.565 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene  | 25.76 | 278  | 100772   | 5.450  | ng    | # 93     |
| 92) Benzo(g,h,i)perylene    | 26.44 | 276  | 367071   | 19.905 | ng    | 100      |

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

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