

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\  
 Data File : BP001533.D  
 Acq On : 06 Jan 2020 17:05  
 Operator : JU  
 Sample : K6463-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GP-7-(1-3)

Manual Integrations  
 APPROVED

mohammad  
 1/7/2020 12:31:27 PM

Quant Time: Jan 06 18:18:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 06 16:38:29 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.68  | 152  | 53881    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 10.46 | 136  | 207983   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10           | 14.32 | 164  | 137056   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10           | 17.08 | 188  | 282969   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12               | 21.18 | 240  | 223957   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12               | 23.43 | 264  | 233792   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.32  | 112  | 302673   | 94.37  | ng    | 0.00     |
| 7) Phenol-d6                   | 6.89  | 99   | 444859   | 102.98 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 8.83  | 82   | 305927   | 72.65  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol       | 15.82 | 330  | 181319   | 116.89 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl           | 12.95 | 172  | 622613   | 66.80  | ng    | 0.00     |
| 79) Terphenyl-d14              | 19.67 | 244  | 796598   | 70.89  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 10) Phenol                     | 6.92  | 94   | 11795    | 2.596  | ng    | 93       |
| 50) Dimethylphthalate          | 13.80 | 163  | 45330    | 4.231  | ng    | 98       |
| 71) Phenanthrene               | 17.12 | 178  | 93093    | 6.066  | ng    | 98       |
| 75) Fluoranthene               | 19.10 | 202  | 216489   | 11.652 | ng    | 100      |
| 78) Pyrene                     | 19.45 | 202  | 207352   | 12.759 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.16 | 228  | 118415   | 7.535  | ng    | 95       |
| 83) Chrysene                   | 21.22 | 228  | 110845   | 7.357  | ng    | 96       |
| 84) Bis(2-ethylhexyl)phthalate | 21.13 | 149  | 36553    | 3.568  | ng    | # 98     |
| 86) Indeno(1,2,3-cd)pyrene     | 25.70 | 276  | 82686    | 4.509  | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 22.76 | 252  | 162335   | 11.214 | ng    | # 92     |
| 89) Benzo(k)fluoranthene       | 22.80 | 252  | 49518m   | 3.571  | ng    |          |
| 90) Benzo(a)pyrene             | 23.33 | 252  | 117196   | 8.649  | ng    | # 97     |
| 92) Benzo(a,h,i)perylene       | 26.40 | 276  | 82021    | 6.106  | ng    | 99       |

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

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