

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\  
 Data File : BF118468.D  
 Acq On : 3 Jan 2020 20:33  
 Operator : JU  
 Sample : K6484-44  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 40096-40103

Manual Integrations  
 APPROVED

mohammad  
 1/6/2020 11:44:08 AM

Quant Time: Jan 04 01:10:30 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 24 15:58:52 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 6.85  | 152  | 53027    | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8             | 8.13  | 136  | 242771   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10           | 9.89  | 164  | 127809   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10           | 11.39 | 188  | 196102   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12               | 14.06 | 240  | 160157   | 20.00  | ng    | 0.00        |
| 87) Perylene-d12               | 15.57 | 264  | 169761   | 20.00  | ng    | 0.04        |
| System Monitoring Compounds    |       |      |          |        |       |             |
| 5) 2-Fluorophenol              | 5.46  | 112  | 296058   | 95.30  | ng    | 0.00        |
| 7) Phenol-d6                   | 6.49  | 99   | 385308   | 99.99  | ng    | 0.00        |
| 23) Nitrobenzene-d5            | 7.41  | 82   | 242115   | 57.04  | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol       | 10.69 | 330  | 118820   | 75.28  | ng    | 0.00        |
| 45) 2-Fluorobiphenyl           | 9.21  | 172  | 508215   | 60.70  | ng    | -0.01       |
| 79) Terphenyl-d14              | 12.98 | 244  | 467009   | 48.38  | ng    | 0.00        |
| Target Compounds               |       |      |          |        |       |             |
| 10) Phenol                     | 6.49  | 94   | 10959    | 2.530  | ng    | Qvalue # 25 |
| 50) Dimethylphthalate          | 9.60  | 163  | 29695    | 3.095  | ng    | 98          |
| 71) Phenanthrene               | 11.41 | 178  | 36468    | 3.411  | ng    | 97          |
| 74) Di-n-butylphthalate        | 11.94 | 149  | 38057m   | 3.161  | ng    |             |
| 75) Fluoranthene               | 12.61 | 202  | 85882    | 7.960  | ng    | 96          |
| 78) Pyrene                     | 12.84 | 202  | 83231    | 6.364  | ng    | 98          |
| 81) Benzo(a)anthracene         | 14.05 | 228  | 38186    | 3.406  | ng    | 95          |
| 83) Chrysene                   | 14.09 | 228  | 46192    | 4.303  | ng    | # 92        |
| 84) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 115695   | 14.941 | ng    | 94          |
| 85) Di-n-octyl phthalate       | 14.68 | 149  | 65608    | 5.760  | ng    | # 61        |
| 86) Indeno(1,2,3-cd)pyrene     | 17.10 | 276  | 26284    | 2.874  | ng    | # 92        |
| 88) Benzo(b)fluoranthene       | 15.13 | 252  | 64445m   | 5.719  | ng    |             |
| 90) Benzo(a)pyrene             | 15.51 | 252  | 38711    | 3.900  | ng    | # 1         |
| 92) Benzo(a,h,i)perylene       | 17.56 | 276  | 26408    | 3.174  | ng    | # 59        |

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

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