

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
 Data File : BF120420.D  
 Acq On : 28 May 2020 20:57  
 Operator : MA/SJ  
 Sample : L2745-15  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NM22-COMP-2020-0-6

Manual Integrations  
 APPROVED

mohammad  
 5/29/2020 10:28:28 PM

Quant Time: Jun 03 06:14:26 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 28 13:47:54 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.84  | 152  | 297083   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.12  | 136  | 1035041  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.87  | 164  | 456633   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.36 | 188  | 697459   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.99 | 240  | 536822   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.45 | 264  | 494032   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.46  | 112  | 1706814  | 109.49 | ng    | 0.01     |
| 7) Phenol-d6                | 6.47  | 99   | 2208292  | 114.93 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.40  | 82   | 1395870  | 88.22  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.66 | 330  | 479583   | 113.35 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 2309761  | 85.82  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.94 | 244  | 1943593  | 80.57  | ng    | 0.00     |

| Target Compounds         | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------|-------|------|----------|--------|-------|--------|
| 50) Dimethylphthalate    | 9.59  | 163  | 175004   | 6.130  | ng    | 98     |
| 71) Phenanthrene         | 11.38 | 178  | 179011   | 5.825  | ng    | 98     |
| 75) Fluoranthene         | 12.57 | 202  | 349017   | 10.554 | ng    | 98     |
| 78) Pyrene               | 12.80 | 202  | 322354   | 8.635  | ng    | 98     |
| 81) Benzo(a)anthracene   | 13.99 | 228  | 170498   | 5.926  | ng    | 95     |
| 83) Chrysene             | 14.02 | 228  | 165219   | 5.478  | ng    | 97     |
| 88) Benzo(b)fluoranthene | 15.03 | 252  | 220740m  | 8.044  | ng    |        |
| 89) Benzo(k)fluoranthene | 15.05 | 252  | 57647m   | 2.250  | ng    |        |
| 90) Benzo(a)pyrene       | 15.39 | 252  | 140609   | 5.858  | ng    | 98     |
| 92) Benzo(g,h,i)perylene | 17.32 | 276  | 81358    | 3.744  | ng    | 99     |

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

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