

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\  
 Data File : BP002921.D  
 Acq On : 06 Aug 2020 15:49  
 Operator : CG/JU  
 Sample : L3547-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CRT-012

Manual Integrations  
 APPROVED

mohammad  
 8/7/2020 1:53:53 PM

Quant Time: Aug 07 11:02:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 30 15:30:34 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 473314   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.49 | 136  | 1901038  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.35 | 164  | 1236776  | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.10 | 188  | 2757338  | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.19 | 240  | 2798625  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.45 | 264  | 2349479  | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.32  | 112  | 3440477  | 111.25 | ng    | 0.00     |
| 7) Phenol-d6                | 6.89  | 99   | 4439643  | 103.40 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.86  | 82   | 2598248  | 74.03  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.84 | 330  | 2098445  | 136.51 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.97 | 172  | 6845674  | 75.63  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.68 | 244  | 9850549  | 70.46  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 50) Dimethylphthalate          | 13.80 | 163  | 678517   | 7.014  | ng    | 100    |
| 71) Phenanthrene               | 17.14 | 178  | 1095475  | 6.775  | ng    | 98     |
| 75) Fluoranthene               | 19.12 | 202  | 2400566  | 12.886 | ng    | 99     |
| 78) Pyrene                     | 19.47 | 202  | 2224596  | 11.371 | ng    | 97     |
| 80) Butylbenzylphthalate       | 20.36 | 149  | 17723    | 3.267  | ng    | 97     |
| 81) Benzo(a)anthracene         | 21.17 | 228  | 1269213  | 6.658  | ng    | 99     |
| 83) Chrysene                   | 21.23 | 228  | 1293532  | 7.193  | ng    | 98     |
| 84) Bis(2-ethylhexyl)phthalate | 21.13 | 149  | 392432   | 3.624  | ng    | 98     |
| 87) Indeno(1,2,3-cd)pyrene     | 25.76 | 276  | 697189   | 3.705  | ng    | 95     |
| 88) Benzo(b)fluoranthene       | 22.77 | 252  | 1530717  | 9.232  | ng    | 99     |
| 89) Benzo(k)fluoranthene       | 22.82 | 252  | 715680m  | 4.567  | ng    |        |
| 90) Benzo(a)pyrene             | 23.35 | 252  | 995170   | 6.643  | ng    | 99     |
| 92) Benzo(a,h,i)perylene       | 26.45 | 276  | 647910   | 4.184  | ng    | 99     |

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

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