

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\  
 Data File : BG045486.D  
 Acq On : 27 May 2020 21:40  
 Operator : CG/JU  
 Sample : L2746-13  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NM70-COMP-2020-0-6

Manual Integrations  
 APPROVED

mohammad  
 5/29/2020 10:25:00 PM

Quant Time: May 28 01:42:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 27 13:40:45 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.96  | 152  | 106382   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.77 | 136  | 445037   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.60 | 164  | 299624   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.35 | 188  | 615136   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.61 | 240  | 524642   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.76 | 264  | 582468   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.56  | 112  | 395326   | 72.62 | ng    | 0.00     |
| 7) Phenol-d6                | 7.18  | 99   | 631266   | 81.48 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.12  | 82   | 446404   | 54.70 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.10 | 330  | 308898   | 80.61 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.23 | 172  | 1054883  | 59.72 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.96 | 244  | 1400472  | 62.26 | ng    | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 50) Dimethylphthalate      | 14.05 | 163  | 121260   | 5.900  | ng    | 99     |
| 71) Phenanthrene           | 17.39 | 178  | 302370   | 11.260 | ng    | 99     |
| 72) Anthracene             | 17.48 | 178  | 74385    | 2.758  | ng    | 98     |
| 75) Fluoranthene           | 19.40 | 202  | 592151   | 17.336 | ng    | 99     |
| 78) Pyrene                 | 19.76 | 202  | 538202   | 17.996 | ng    | 98     |
| 81) Benzo(a)anthracene     | 21.59 | 228  | 300536   | 10.283 | ng    | 97     |
| 83) Chrysene               | 21.66 | 228  | 278122   | 9.897  | ng    | 100    |
| 86) Indeno(1,2,3-cd)pyrene | 28.32 | 276  | 188296   | 5.124  | ng    | 96     |
| 88) Benzo(b)fluoranthene   | 23.77 | 252  | 388087   | 12.423 | ng    | 96     |
| 89) Benzo(k)fluoranthene   | 23.82 | 252  | 130469m  | 4.446  | ng    |        |
| 90) Benzo(a)pyrene         | 24.61 | 252  | 290473   | 9.984  | ng    | 97     |
| 92) Benzo(a,h,i)perylene   | 29.44 | 276  | 173859   | 5.946  | ng    | 96     |

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

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