

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092021\  
 Data File : BN016371.D  
 Acq On : 21 Sep 2021 08:31  
 Operator : CG/JU  
 Sample : M3733-03  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SUP-UST-02-(5-7)

Manual Integrations  
 APPROVED

Quant Time: Sep 21 09:04:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 20 11:09:23 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.688  | 152  | 20464    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.444 | 136  | 99184    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.307 | 164  | 60154    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.054 | 188  | 128332   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.259 | 240  | 140157   | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.522 | 264  | 111378   | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.319  | 112  | 13688    | 0.267 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.868  | 99   | 40144    | 0.645 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.822  | 82   | 43399    | 0.736 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.043 | 152  | 36262    | 0.232 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.804 | 330  | 5740     | 0.325 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.924 | 172  | 46423    | 0.197 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.092 | 212  | 82020    | 0.221 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.703 | 244  | 61657    | 0.190 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 9) Naphthalene                | 10.495 | 128  | 11708    | 0.044 | ng    | # 83     |
| 12) 2-Methylnaphthalene       | 12.114 | 142  | 3881     | 0.022 | ng    | # 87     |
| 17) Acenaphthene              | 14.370 | 154  | 6086     | 0.035 | ng    | 96       |
| 18) Fluorene                  | 15.360 | 166  | 8665     | 0.040 | ng    | # 93     |
| 25) Phenanthrene              | 17.090 | 178  | 74072    | 0.204 | ng    | 97       |
| 26) Anthracene                | 17.188 | 178  | 17274    | 0.049 | ng    | 94       |
| 28) Fluoranthene              | 19.122 | 202  | 101398   | 0.243 | ng    | 99       |
| 30) Pyrene                    | 19.485 | 202  | 102254   | 0.231 | ng    | # 92     |
| 32) Benzo(a)anthracene        | 21.238 | 228  | 52880    | 0.117 | ng    | # 74     |
| 33) Chrysene                  | 21.291 | 228  | 55775    | 0.128 | ng    | # 75     |
| 34) Bis(2-ethylhexyl)phtha... | 21.195 | 149  | 111836   | 0.461 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.815 | 276  | 17790    | 0.049 | ng    | 94       |
| 37) Benzo(b)fluoranthene      | 22.844 | 252  | 67742    | 0.192 | ng    | # 1      |
| 38) Benzo(k)fluoranthene      | 22.882 | 252  | 21350m   | 0.063 | ng    |          |
| 39) Benzo(a)pyrene            | 23.423 | 252  | 43102    | 0.135 | ng    | # 1      |
| 41) Benzo(g,h,i)perylene      | 26.520 | 276  | 20078    | 0.066 | ng    | # 60     |

mohammad

9/21/2021 11:31:14 AM

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

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