

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\  
 Data File : BG042371.D  
 Acq On : 20 Aug 2019 23:47  
 Operator : HP/JU  
 Sample : K4385-13  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T8-C-(0-2)

Manual Integrations  
 APPROVED

mohammad  
 8/22/2019 12:49:25 PM

Quant Time: Aug 21 12:07:13 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 19 13:40:37 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.01  | 152  | 81277    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.83 | 136  | 293753   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.67 | 164  | 180021   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.43 | 188  | 353747   | 20.00  | ng    | 0.01     |
| 76) Chrysene-d12            | 21.76 | 240  | 286305   | 20.00  | ng    | 0.07     |
| 87) Perylene-d12            | 25.21 | 264  | 373956   | 20.00  | ng    | 0.28     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.57  | 112  | 392457   | 97.83  | ng    | 0.00     |
| 7) Phenol-d6                | 7.18  | 99   | 528983   | 97.09  | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 9.17  | 82   | 314297   | 75.25  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.17 | 330  | 259700   | 105.92 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl        | 13.29 | 172  | 849970   | 79.90  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.06 | 244  | 1060261  | 81.11  | ng    | 0.03     |
| Target Compounds            |       |      |          |        |       |          |
| 50) Dimethylphthalate       | 14.11 | 163  | 67051    | 5.242  | ng    | # 81     |
| 71) Phenanthrene            | 17.47 | 178  | 109159   | 6.196  | ng    | # 53     |
| 74) Di-n-butylphthalate     | 18.39 | 149  | 65963    | 3.623  | ng    | # 44     |
| 75) Fluoranthene            | 19.50 | 202  | 215566   | 10.147 | ng    | # 64     |
| 78) Pyrene                  | 19.86 | 202  | 221175   | 12.555 | ng    | # 68     |
| 81) Benzo(a)anthracene      | 21.75 | 228  | 83261    | 4.735  | ng    | # 28     |
| 83) Chrysene                | 21.81 | 228  | 78655    | 4.676  | ng    | # 31     |

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

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