

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\  
 Data File : BN006714.D  
 Acq On : 05 Jul 2019 14:15  
 Operator : HP/JU  
 Sample : K3560-12  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PST-009-B218-062419

Manual Integrations  
 APPROVED

mohammad  
 7/6/2019 12:14:29 AM

Quant Time: Jul 05 23:14:41 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 05 05:30:28 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.60  | 152  | 3175     | 0.40  | ng    | -0.02     |
| 7) Naphthalene-d8              | 10.38 | 136  | 11840    | 0.40  | ng    | -0.01     |
| 13) Acenaphthene-d10           | 14.24 | 164  | 7335     | 0.40  | ng    | -0.02     |
| 19) Phenanthrene-d10           | 17.00 | 188  | 17023    | 0.40  | ng    | -0.02     |
| 27) Chrysene-d12               | 21.24 | 240  | 16733    | 0.40  | ng    | -0.02     |
| 34) Perylene-d12               | 23.46 | 264  | 19472    | 0.40  | ng    | -0.05     |
| System Monitoring Compounds    |       |      |          |       |       |           |
| 4) 2-Fluorophenol              | 5.21  | 112  | 3168     | 0.37  | ng    | -0.02     |
| 5) Phenol-d6                   | 6.79  | 99   | 4497     | 0.41  | ng    | -0.04     |
| 8) Nitrobenzene-d5             | 8.78  | 82   | 2711     | 0.30  | ng    | -0.01     |
| 11) 2-Methylnaphthalene-d10    | 11.97 | 152  | 6743     | 0.38  | ng    | -0.02     |
| 14) 2,4,6-Tribromophenol       | 15.77 | 330  | 1337     | 0.37  | ng    | -0.02     |
| 15) 2-Fluorobiphenyl           | 12.86 | 172  | 9131     | 0.32  | ng    | -0.02     |
| 25) Fluoranthene-d10           | 19.06 | 212  | 17118    | 0.35  | ng    | -0.02     |
| 29) Terphenyl-d14              | 19.66 | 244  | 11656    | 0.30  | ng    | -0.02     |
| Target Compounds               |       |      |          |       |       |           |
| 23) Phenanthrene               | 17.06 | 178  | 2497     | 0.051 | ng    | Qvalue 98 |
| 26) Fluoranthene               | 19.09 | 202  | 4899     | 0.085 | ng    | # 97      |
| 28) Pyrene                     | 19.45 | 202  | 5057     | 0.076 | ng    | # 97      |
| 30) Benzo(a)anthracene         | 21.22 | 228  | 2717     | 0.047 | ng    | # 83      |
| 31) Chrysene                   | 21.27 | 228  | 2585     | 0.043 | ng    | # 85      |
| 32) Bis(2-ethylhexyl)phthalate | 21.14 | 149  | 4092     | 0.024 | ng    | # 99      |
| 33) Indeno(1,2,3-cd)pyrene     | 25.70 | 276  | 1503     | 0.021 | ng    | # 94      |
| 35) Benzo(b)fluoranthene       | 22.81 | 252  | 3158m    | 0.051 | ng    |           |
| 37) Benzo(a)pyrene             | 23.37 | 252  | 2112     | 0.035 | ng    | # 39      |
| 39) Benzo(a,h,i)perylene       | 26.38 | 276  | 1610     | 0.026 | ng    | # 60      |

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

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