

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
 Data File : BF110314.D
 Acq On : 30 Oct 2018 20:18
 Operator : JU/SJ
 Sample : J5724-04DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 RED-SHALEDL

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:15:05 AM

Quant Time: Oct 31 05:44:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.97 | 152 | 110846 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.25 | 136 | 457874 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 10.01 | 164 | 202252 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.50 | 188 | 313036 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.16 | 240 | 211357 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.69 | 264 | 187250 | 20.00 | ng | 0.00 |

System Monitoring Compounds

| | | | | | | |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol | 5.59 | 112 | 289326 | 42.51 | ng | 0.00 |
| 7) Phenol-d6 | 6.59 | 99 | 364209 | 41.83 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.53 | 82 | 226364 | 29.32 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.80 | 330 | 68242 | 34.06 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.32 | 172 | 415214 | 32.24 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.09 | 244 | 271984 | 26.76 | ng | 0.00 |

Target Compounds

| Target Compounds | R.T. | QIon | Response | Conc | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 10) Phenol | 6.60 | 94 | 26178 | 2.813 | ng | # 68 |
| 50) Dimethylphthalate | 9.72 | 163 | 33906 | 2.271 | ng | 99 |
| 52) Acenaphthene | 10.05 | 154 | 37149 | 2.898 | ng | 98 |
| 58) Fluorene | 10.56 | 166 | 61869 | 4.632 | ng | 98 |
| 71) Phenanthrene | 11.53 | 178 | 570176 | 34.810 | ng | 99 |
| 72) Anthracene | 11.58 | 178 | 168446 | 10.260 | ng | 99 |
| 73) Carbazole | 11.73 | 167 | 62053 | 3.871 | ng | 99 |
| 75) Fluoranthene | 12.73 | 202 | 714004 | 42.952 | ng | 99 |
| 78) Pyrene | 12.96 | 202 | 594391 | 39.227 | ng | 99 |
| 81) Benzo(a)anthracene | 14.14 | 228 | 305072 | 24.340 | ng | 99 |
| 83) Chrysene | 14.18 | 228 | 245883 | 20.654 | ng | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 17.26 | 276 | 104461 | 10.577 | ng | 98 |
| 88) Benzo(b)fluoranthene | 15.23 | 252 | 300397m | 27.781 | ng | |
| 89) Benzo(k)fluoranthene | 15.26 | 252 | 94372m | 8.878 | ng | |
| 90) Benzo(a)pyrene | 15.62 | 252 | 206428 | 20.747 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.26 | 278 | 26871m | 3.130 | ng | |
| 92) Benzo(a,h,i)perylene | 17.74 | 276 | 96821 | 11.445 | ng | 98 |

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

