

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134877.D
 Acq On : 21 Aug 2023 20:21
 Operator : CG\JU
 Sample : 04047-01DL 100X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB05-Z26-27DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 03:23:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	179598	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	705093	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	320182	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	477106	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	373902	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	304284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	7340	0.621	ng	-0.01
7) Phenol-d6	6.422	99	9666	0.640	ng	-0.02
23) Nitrobenzene-d5	7.345	82	7369	0.653	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	1311	0.402	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	13861	0.720	ng	-0.02
79) Terphenyl-d14	12.904	244	12039	0.568	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.110	128	4306270	121.520	ng	98
37) 2-Methylnaphthalene	8.792	142	1416640	60.311	ng	97
38) 1-Methylnaphthalene	8.886	142	922667	42.243	ng	97
46) 1,1'-Biphenyl	9.245	154	228637	9.183	ng	97
49) Acenaphthylene	9.686	152	92804	3.165	ng	# 91
52) Acenaphthene	9.863	154	589007	30.993	ng	98
58) Fluorene	10.375	166	290560	14.745	ng	96
71) Phenanthrene	11.345	178	1041276	41.089	ng	99
72) Anthracene	11.392	178	314195	12.138	ng	100
75) Fluoranthene	12.533	202	386688	14.445	ng	98
78) Pyrene	12.763	202	606603	18.749	ng	98
81) Benzo(a)anthracene	13.957	228	208742m	7.808	ng	
83) Chrysene	13.992	228	187135	7.184	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	36245	2.025	ng	97
88) Benzo(b)fluoranthene	15.004	252	101962m	5.494	ng	
89) Benzo(k)fluoranthene	15.021	252	38914m	2.105	ng	
90) Benzo(a)pyrene	15.368	252	119982	6.934	ng	# 94
92) Benzo(g,h,i)perylene	17.362	276	37789	2.561	ng	# 95

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

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