

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115931.D
 Acq On : 2 Aug 2019 2:21
 Operator : HP/JU
 Sample : K4049-04DL 20X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4DL

Manual Integrations
 APPROVED

mohammad
 8/5/2019 1:48:28 PM

Quant Time: Aug 02 08:11:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	120609	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	481194	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	226930	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	331617	20.00	ng	0.00
76) Chrysene-d12	14.03	240	267331	20.00	ng	0.00
87) Perylene-d12	15.49	264	257762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	33283	4.62	ng	0.00
7) Phenol-d6	6.49	99	45782	5.04	ng	0.00
23) Nitrobenzene-d5	7.42	82	26729	3.21	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	7456	3.39	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	52646	4.35	ng	0.00
79) Terphenyl-d14	12.96	244	43213	3.41	ng	0.00
Target Compounds						
49) Acenaphthylene	9.75	152	84852	4.362	ng	99
55) Dibenzofuran	10.10	168	38962	2.245	ng	# 97
58) Fluorene	10.44	166	34129	2.556	ng	# 99
71) Phenanthrene	11.40	178	758705	44.754	ng	99
72) Anthracene	11.46	178	176573	10.291	ng	99
73) Carbazole	11.61	167	66153	4.250	ng	98
75) Fluoranthene	12.60	202	1301865	73.352	ng	97
78) Pyrene	12.83	202	1183643	58.736	ng	99
81) Benzo(a)anthracene	14.02	228	662424	38.768	ng	98
83) Chrysene	14.05	228	537970	32.430	ng	96
86) Indeno(1,2,3-cd)pyrene	16.97	276	219137	15.728	ng	97
88) Benzo(b)fluoranthene	15.07	252	647984m	43.477	ng	
89) Benzo(k)fluoranthene	15.09	252	186765m	12.865	ng	
90) Benzo(a)pyrene	15.43	252	421581	31.643	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	56783m	4.924	ng	
92) Benzo(g,h,i)perylene	17.42	276	200845	17.733	ng	100

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

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