

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
 Data File : BF112189.D
 Acq On : 22 Jan 2019 13:20
 Operator : JU/SJ
 Sample : K1013-01 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-A

Manual Integrations
 APPROVED

Sohil
 1/23/2019 10:38:04 AM

Quant Time: Jan 22 14:51:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	249681	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	975421	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	448844	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	736088	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	618260	20.00	ng	-0.01
87) Perylene-d12	15.49	264	614397	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	349307	25.39	ng	-0.01
7) Phenol-d6	6.49	99	435117	25.28	ng	-0.01
23) Nitrobenzene-d5	7.40	82	267745	18.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	114802	23.71	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	582270	19.02	ng	-0.01
79) Terphenyl-d14	12.96	244	475413	16.36	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.15	128	110951	2.501	ng	98
52) Acenaphthene	9.92	154	92909	3.542	ng	98
55) Dibenzofuran	10.09	168	99681	2.513	ng	98
58) Fluorene	10.43	166	170493	5.753	ng	97
71) Phenanthrene	11.40	178	1079022	29.128	ng	98
72) Anthracene	11.45	178	370919	9.884	ng	99
75) Fluoranthene	12.59	202	1363108	34.851	ng	98
78) Pyrene	12.82	202	1277905	31.329	ng	99
81) Benzo(a)anthracene	14.00	228	686740	19.373	ng	99
83) Chrysene	14.04	228	591435	17.632	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	291453	9.418	ng	# 93
88) Benzo(b)fluoranthene	15.06	252	768693m	22.041	ng	
89) Benzo(k)fluoranthene	15.09	252	313027m	9.273	ng	
90) Benzo(a)pyrene	15.43	252	598089	18.700	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	81067	2.854	ng	# 88
92) Benzo(g,h,i)perylene	17.42	276	264933	9.467	ng	96

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

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