

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143873.D
 Acq On : 02 Oct 2025 23:59
 Operator : RC/JU
 Sample : Q3249-12 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-12(0-0.5)R

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 03 01:31:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	91464	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	332413	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	170680	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	305129	20.000	ng	0.00
76) Chrysene-d12	14.057	240	373313	20.000	ng	0.00
86) Perylene-d12	15.539	264	483403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	77287	13.729	ng	0.00
7) Phenol-d6	6.498	99	90501	13.913	ng	-0.01
23) Nitrobenzene-d5	7.440	82	52039	9.583	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	20553	8.133	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	112746	10.308	ng	0.00
79) Terphenyl-d14	12.992	244	154856	8.436	ng	-0.01
Target Compounds						Qvalue
52) Acenaphthene	9.951	154	36504	4.052	ng	97
58) Fluorene	10.469	166	40698	4.297	ng	98
71) Phenanthrene	11.433	178	751034	47.943	ng	100
72) Anthracene	11.486	178	144072	9.169	ng	98
73) Carbazole	11.639	167	40761	2.967	ng	98
75) Fluoranthene	12.627	202	798686	50.692	ng	99
78) Pyrene	12.857	202	951143	51.823	ng	98
81) Benzo(a)anthracene	14.045	228	612638	30.548	ng	97
83) Chrysene	14.080	228	586406	32.314	ng	98
87) Indeno(1,2,3-cd)pyrene	17.027	276	239018	6.517	ng	96
88) Benzo(b)fluoranthene	15.104	252	631256m	25.643	ng	
89) Benzo(k)fluoranthene	15.116	252	292856m	11.841	ng	
90) Benzo(a)pyrene	15.474	252	569337	24.604	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	73932	2.464	ng	# 94
92) Benzo(g,h,i)perylene	17.474	276	227804	7.878	ng	# 96

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

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