

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143872.D
 Acq On : 02 Oct 2025 23:30
 Operator : RC/JU
 Sample : Q3249-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3(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 01:31:22 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	92441	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	333307	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	203877	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	302675	20.000	ng	0.00
76) Chrysene-d12	14.057	240	365465	20.000	ng	0.00
86) Perylene-d12	15.539	264	486634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	118300	20.792	ng	0.00
7) Phenol-d6	6.498	99	103632	15.764	ng	-0.01
23) Nitrobenzene-d5	7.440	82	60714	11.150	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	26961	8.931	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	162787	12.460	ng	0.00
79) Terphenyl-d14	12.992	244	184608	10.273	ng	-0.01
Target Compounds						Qvalue
38) 1-Methylnaphthalene	8.975	142	23997	2.464	ng	100
52) Acenaphthene	9.951	154	39047	3.628	ng	100
58) Fluorene	10.469	166	46503	4.110	ng	99
71) Phenanthrene	11.433	178	744199	47.892	ng	99
72) Anthracene	11.486	178	116438	7.470	ng	99
73) Carbazole	11.639	167	36140	2.652	ng	98
75) Fluoranthene	12.627	202	783300	50.118	ng	98
78) Pyrene	12.857	202	956305	53.223	ng	98
81) Benzo(a)anthracene	14.045	228	589429	30.022	ng	97
83) Chrysene	14.080	228	592992	33.379	ng	97
87) Indeno(1,2,3-cd)pyrene	17.021	276	237815	6.441	ng	96
88) Benzo(b)fluoranthene	15.104	252	614563m	24.799	ng	
89) Benzo(k)fluoranthene	15.116	252	301889m	12.125	ng	
90) Benzo(a)pyrene	15.474	252	553246	23.750	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	74685	2.473	ng	# 91
92) Benzo(g,h,i)perylene	17.474	276	219566	7.542	ng	# 96

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

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