

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142683.D
 Acq On : 07 Jun 2025 10:57
 Operator : RC/JU
 Sample : Q2224-01 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-06042025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/09/2025
 Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 09 01:05:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	109169	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	343201	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	158046	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	280675	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	222975	20.000	ng	0.00
86) Perylene-d12	15.568	264	164448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	113270	17.480	ng	-0.01
7) Phenol-d6	6.516	99	126280	16.189	ng	-0.02
23) Nitrobenzene-d5	7.451	82	72994	11.598	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	28824	16.432	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	151480	12.861	ng	-0.02
79) Terphenyl-d14	13.010	244	184441	11.304	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.445	178	48041	3.203	ng	99
75) Fluoranthene	12.639	202	169089	12.064	ng	99
78) Pyrene	12.868	202	157159	7.556	ng	98
81) Benzo(a)anthracene	14.057	228	80741	5.423	ng	94
83) Chrysene	14.092	228	65833m	4.921	ng	
87) Indeno(1,2,3-cd)pyrene	17.074	276	30151	2.442	ng	99
88) Benzo(b)fluoranthene	15.127	252	66817m	6.865	ng	
89) Benzo(k)fluoranthene	15.139	252	27259m	2.990	ng	
90) Benzo(a)pyrene	15.498	252	48859	5.326	ng	# 90
92) Benzo(g,h,i)perylene	17.539	276	30826	3.078	ng	# 89

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

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