

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142765.D
 Acq On : 12 Jun 2025 18:57
 Operator : RC/JU
 Sample : Q2225-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-06042025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/13/2025
 Supervised By :mohammad ahmed 06/13/2025

Quant Time: Jun 13 01:00:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	45541	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	144110	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	75141	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	154485	20.000	ng	0.00
76) Chrysene-d12	14.068	240	125780	20.000	ng	0.00
86) Perylene-d12	15.562	264	90249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	68215	25.511	ng	0.00
7) Phenol-d6	6.516	99	72499	23.039	ng	0.00
23) Nitrobenzene-d5	7.451	82	41311	15.688	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	21932	26.632	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	96492	17.061	ng	-0.01
79) Terphenyl-d14	13.004	244	144174	15.743	ng	0.00
Target Compounds						Qvalue
58) Fluorene	10.480	166	10553	2.088	ng	# 98
71) Phenanthrene	11.445	178	80605	9.739	ng	99
72) Anthracene	11.498	178	26149	3.054	ng	98
75) Fluoranthene	12.639	202	169791	21.575	ng	99
78) Pyrene	12.869	202	145532	12.451	ng	99
81) Benzo(a)anthracene	14.057	228	66156	7.937	ng	# 93
83) Chrysene	14.092	228	51647	6.711	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.074	276	21517	3.217	ng	95
88) Benzo(b)fluoranthene	15.127	252	50355m	9.476	ng	
89) Benzo(k)fluoranthene	15.139	252	21395m	4.150	ng	
90) Benzo(a)pyrene	15.498	252	38176	7.556	ng	# 91
92) Benzo(g,h,i)perylene	17.539	276	19188	3.534	ng	92

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

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