

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144376.D
 Acq On : 26 Nov 2025 22:43
 Operator : RC/JU
 Sample : Q3714-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-11-24-2025

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Quant Time: Nov 27 00:54:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	65815	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	230146	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	109359	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	180165	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	191408	20.000	ng	0.00
86) Perylene-d12	15.527	264	158903	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	66054	15.706	ng	-0.01
7) Phenol-d6	6.492	99	72859	15.289	ng	0.00
23) Nitrobenzene-d5	7.422	82	39801	9.988	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	16909	12.321	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	87388	11.802	ng	-0.01
79) Terphenyl-d14	12.974	244	101901	8.456	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	111727	12.455	ng	99
72) Anthracene	11.469	178	30375	3.330	ng	97
75) Fluoranthene	12.610	202	232743	25.117	ng	98
78) Pyrene	12.839	202	218647	14.167	ng	99
81) Benzo(a)anthracene	14.033	228	129716	9.778	ng	95
83) Chrysene	14.068	228	104320	8.519	ng	96
87) Indeno(1,2,3-cd)pyrene	17.021	276	36649	3.213	ng	97
88) Benzo(b)fluoranthene	15.092	252	123156m	13.633	ng	
89) Benzo(k)fluoranthene	15.115	252	19261m	2.278	ng	
90) Benzo(a)pyrene	15.462	252	73881	8.865	ng	# 94
92) Benzo(g,h,i)perylene	17.474	276	37261	4.119	ng	# 92

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

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