

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143964.D
 Acq On : 15 Oct 2025 20:52
 Operator : RC/JU
 Sample : Q3345-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TANK-FARM-SOIL

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/16/2025
 Supervised By :Jagrut Upadhyay 10/16/2025

Quant Time: Oct 16 11:11:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	128491	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	502865	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	274402	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	427833	20.00	ng	0.00
76) Chrysene-d12	14.063	240	243395	20.00	ng	0.00
86) Perylene-d12	15.551	264	312832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	702547	86.83	ng	0.00
7) Phenol-d6	6.504	99	854445	88.59	ng	-0.01
23) Nitrobenzene-d5	7.440	82	528370	63.84	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	218397	79.91	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	907130	52.46	ng	-0.01
79) Terphenyl-d14	12.998	244	688194	48.32	ng	-0.01
Target Compounds						Qvalue
52) Acenaphthene	9.951	154	42211	3.03	ng	99
58) Fluorene	10.469	166	50282	3.38	ng	99
71) Phenanthrene	11.439	178	828598	39.95	ng	99
72) Anthracene	11.486	178	211162	10.08	ng	99
73) Carbazole	11.639	167	76161	4.10	ng	99
75) Fluoranthene	12.633	202	1164388	54.35	ng	99
78) Pyrene	12.863	202	1095529	53.99	ng	98
81) Benzo(a)anthracene	14.051	228	635496	39.90	ng	97
83) Chrysene	14.086	228	565559	38.36	ng	97
87) Indeno(1,2,3-cd)pyrene	17.045	276	281057	14.66	ng	98
88) Benzo(b)fluoranthene	15.116	252	659061m	36.68	ng	
89) Benzo(k)fluoranthene	15.127	252	319048m	19.19	ng	
90) Benzo(a)pyrene	15.486	252	542803	34.84	ng	97
91) Dibenzo(a,h)anthracene	17.057	278	79579	5.16	ng	94
92) Benzo(g,h,i)perylene	17.498	276	253848	16.47	ng	97

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

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