

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143970.D
 Acq On : 15 Oct 2025 23:47
 Operator : RC/JU
 Sample : Q3343-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-ROLLOFF-WC-1

Manual Integrations
 APPROVED

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

Quant Time: Oct 16 11:13:02 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	173198	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	576795	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	285924	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	568177	20.00	ng	0.00
76) Chrysene-d12	14.068	240	467990	20.00	ng	0.00
86) Perylene-d12	15.557	264	402069	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	134387	12.32	ng	0.00
7) Phenol-d6	6.498	99	147013	11.31	ng	-0.02
23) Nitrobenzene-d5	7.439	82	74907	7.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	31413	11.03	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	142996	7.94	ng	-0.01
79) Terphenyl-d14	13.004	244	199498	7.29	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.187	128	84265	3.21	ng	99
37) 2-Methylnaphthalene	8.881	142	88174	5.04	ng	98
38) 1-Methylnaphthalene	8.981	142	93685	5.53	ng	97
49) Acenaphthylene	9.786	152	119575	5.39	ng	96
52) Acenaphthene	9.957	154	30583	2.10	ng	92
58) Fluorene	10.475	166	113372	7.32	ng	96
71) Phenanthrene	11.445	178	783366	28.44	ng	98
72) Anthracene	11.492	178	156875	5.64	ng	99
75) Fluoranthene	12.639	202	694299	24.40	ng	99
78) Pyrene	12.869	202	1078115	27.63	ng	98
81) Benzo(a)anthracene	14.057	228	409222	13.36	ng	# 89
83) Chrysene	14.098	228	450688	15.90	ng	95
87) Indeno(1,2,3-cd)pyrene	17.057	276	88603	3.60	ng	98
88) Benzo(b)fluoranthene	15.121	252	253588m	10.98	ng	
89) Benzo(k)fluoranthene	15.139	252	64375m	3.01	ng	
90) Benzo(a)pyrene	15.492	252	201732	10.07	ng	# 94
92) Benzo(g,h,i)perylene	17.509	276	100127	5.05	ng	# 94

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

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