

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143868.D
 Acq On : 02 Oct 2025 21:35
 Operator : RC/JU
 Sample : Q3256-01DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-1-WCDL

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 03 01:29:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	146042	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	531877	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	262622	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	385590	20.000	ng	0.00
76) Chrysene-d12	14.057	240	413020	20.000	ng	0.00
86) Perylene-d12	15.539	264	608240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	64520	7.178	ng	-0.01
7) Phenol-d6	6.498	99	78894	7.596	ng	-0.01
23) Nitrobenzene-d5	7.440	82	43633	5.022	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	18271	4.699	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	95686	5.686	ng	0.00
79) Terphenyl-d14	12.998	244	107730	5.305	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.187	128	136715	5.369	ng	99
37) 2-Methylnaphthalene	8.881	142	168882	10.402	ng	99
38) 1-Methylnaphthalene	8.975	142	174266	11.214	ng	100
49) Acenaphthylene	9.781	152	116674	5.538	ng	# 95
52) Acenaphthene	9.951	154	40444	2.917	ng	92
58) Fluorene	10.469	166	152215	10.445	ng	# 97
71) Phenanthrene	11.433	178	946980	47.837	ng	99
72) Anthracene	11.486	178	142176	7.160	ng	98
75) Fluoranthene	12.627	202	692967	34.804	ng	99
78) Pyrene	12.857	202	1046302	51.527	ng	99
81) Benzo(a)anthracene	14.045	228	562232m	25.339	ng	
83) Chrysene	14.080	228	561165	27.950	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.021	276	276067	5.982	ng	98
88) Benzo(b)fluoranthene	15.104	252	536149m	17.309	ng	
89) Benzo(k)fluoranthene	15.116	252	250149m	8.038	ng	
90) Benzo(a)pyrene	15.474	252	527210	18.108	ng	97
91) Dibenzo(a,h)anthracene	17.039	278	89621	2.374	ng	# 83
92) Benzo(g,h,i)perylene	17.474	276	285314	7.841	ng	# 97

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

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