

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143869.D
 Acq On : 02 Oct 2025 22:03
 Operator : RC/JU
 Sample : Q3256-05DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-2-WCDL

Manual Integrations
 APPROVED

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

Quant Time: Oct 03 01:30:13 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	6.887	152	144420	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	534495	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	261202	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	379050	20.000	ng	0.00
76) Chrysene-d12	14.057	240	430912	20.000	ng	0.00
86) Perylene-d12	15.539	264	616717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	75017	8.439	ng	-0.01
7) Phenol-d6	6.498	99	89031	8.668	ng	-0.01
23) Nitrobenzene-d5	7.439	82	49410	5.659	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	19326	4.997	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	110360	6.593	ng	0.00
79) Terphenyl-d14	12.998	244	125730	5.934	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.187	128	120079	4.693	ng	99
37) 2-Methylnaphthalene	8.881	142	140141	8.589	ng	100
38) 1-Methylnaphthalene	8.981	142	150542	9.640	ng	98
49) Acenaphthylene	9.781	152	81745	3.901	ng	# 93
52) Acenaphthene	9.957	154	53950	3.913	ng	93
55) Dibenzofuran	10.128	168	45360	2.326	ng	# 88
58) Fluorene	10.469	166	146021	10.074	ng	97
71) Phenanthrene	11.439	178	1100331	56.542	ng	99
72) Anthracene	11.486	178	179941	9.218	ng	99
73) Carbazole	11.639	167	54338	3.184	ng	98
75) Fluoranthene	12.627	202	840169	42.925	ng	98
78) Pyrene	12.857	202	1048180	49.476	ng	99
81) Benzo(a)anthracene	14.045	228	582278	25.153	ng	93
83) Chrysene	14.080	228	568346	27.133	ng	96
87) Indeno(1,2,3-cd)pyrene	17.021	276	285135	6.094	ng	97
88) Benzo(b)fluoranthene	15.104	252	605757m	19.288	ng	
89) Benzo(k)fluoranthene	15.115	252	298063m	9.446	ng	
90) Benzo(a)pyrene	15.474	252	555095	18.803	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	87636	2.290	ng	# 88
92) Benzo(g,h,i)perylene	17.474	276	270597	7.335	ng	# 97

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

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