

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143956.D
 Acq On : 15 Oct 2025 16:59
 Operator : RC/JU
 Sample : PB170106BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170106BS

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Oct 16 11:09:41 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	118178	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	460406	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	251791	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	429108	20.00	ng	0.00
76) Chrysene-d12	14.063	240	245664	20.00	ng	0.00
86) Perylene-d12	15.545	264	238733	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	853911	114.74	ng	0.00
7) Phenol-d6	6.510	99	1015297	114.46	ng	0.00
23) Nitrobenzene-d5	7.446	82	651365	85.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	321806	128.32	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1211644	76.36	ng	-0.01
79) Terphenyl-d14	13.004	244	1360133	94.62	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	133592	38.79	ng	98
3) Pyridine	3.493	79	395050	39.41	ng	99
4) n-Nitrosodimethylamine	3.440	42	231121	43.82	ng	98
6) Aniline	6.546	93	451415	33.96	ng	99
8) 2-Chlorophenol	6.663	128	314384	43.22	ng	98
9) Benzaldehyde	6.434	77	183020	26.75	ng	99
10) Phenol	6.522	94	455681	42.97	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	349325	42.64	ng	98
12) 1,3-Dichlorobenzene	6.822	146	357634	41.07	ng	97
13) 1,4-Dichlorobenzene	6.898	146	371960	43.30	ng	99
14) 1,2-Dichlorobenzene	7.051	146	355002	43.15	ng	99
15) Benzyl Alcohol	7.022	79	297829	44.81	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	833132	44.68	ng	100
17) 2-Methylphenol	7.134	107	268054	44.59	ng	98
18) Hexachloroethane	7.393	117	121249	42.33	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	251997	41.50	ng	97
20) 3+4-Methylphenols	7.281	107	297414	42.68	ng	# 87
22) Acetophenone	7.293	105	451014	46.33	ng	100
24) Nitrobenzene	7.463	77	372226	44.23	ng	98
25) Isophorone	7.704	82	694583	43.47	ng	99
26) 2-Nitrophenol	7.781	139	177917	49.31	ng	98
27) 2,4-Dimethylphenol	7.816	122	311326	47.97	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	435244	43.12	ng	99
29) 2,4-Dichlorophenol	8.022	162	289172	42.77	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	292671	44.02	ng	99
31) Naphthalene	8.187	128	877904	41.92	ng	100
32) Benzoic acid	7.940	122	225216	50.14	ng	96
33) 4-Chloroaniline	8.234	127	169832	21.62	ng	98
34) Hexachlorobutadiene	8.304	225	190920	41.32	ng	99
35) Caprolactam	8.604	113	100640m	46.82	ng	
36) 4-Chloro-3-methylphenol	8.716	107	287579	44.28	ng	99
37) 2-Methylnaphthalene	8.881	142	535171	38.36	ng	99
38) 1-Methylnaphthalene	8.981	142	547347	40.45	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	320173	46.01	ng	99
41) Hexachlorocyclopentadiene	9.034	237	309807	107.31	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	220298	43.33	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.198	196	240387	44.74	ng	100	10/16/2025 Supervised By :Jagrut Upadhyay
46) 1,1'-Biphenyl	9.345	154	767575	46.04	ng	98	
47) 2-Chloronaphthalene	9.369	162	587729	42.28	ng	98	
48) 2-Nitroaniline	9.463	65	213127	48.50	ng	99	10/16/2025
49) Acenaphthylene	9.787	152	940380	48.12	ng	99	
50) Dimethylphthalate	9.645	163	699337	43.74	ng	100	
51) 2,6-Dinitrotoluene	9.704	165	152373	51.39	ng	97	#
52) Acenaphthene	9.957	154	577424	45.10	ng	99	
53) 3-Nitroaniline	9.875	138	119654	32.96	ng	97	
54) 2,4-Dinitrophenol	9.987	184	152433	83.06	ng	89	#
55) Dibenzofuran	10.134	168	780024	43.16	ng	97	
56) 4-Nitrophenol	10.039	139	233052	84.78	ng	98	
57) 2,4-Dinitrotoluene	10.110	165	211536	52.43	ng	100	#
58) Fluorene	10.475	166	586756	43.02	ng	97	
59) 2,3,4,6-Tetrachlorophenol	10.245	232	179010	47.06	ng	99	
60) Diethylphthalate	10.345	149	661433	44.53	ng	99	#
61) 4-Chlorophenyl-phenyle...	10.463	204	307575	42.66	ng	97	
62) 4-Nitroaniline	10.492	138	161525	46.27	ng	96	
63) Azobenzene	10.628	77	699038	45.03	ng	99	#
65) 4,6-Dinitro-2-methylph...	10.522	198	114793	53.23	ng	95	
66) n-Nitrosodiphenylamine	10.586	169	602615	44.73	ng	98	
67) 4-Bromophenyl-phenylether	10.957	248	206146	43.47	ng	99	#
68) Hexachlorobenzene	11.022	284	242370	44.15	ng	100	
69) Atrazine	11.110	200	194746	47.69	ng	98	
70) Pentachlorophenol	11.222	266	252311	80.02	ng	98	#
71) Phenanthrene	11.439	178	896326	43.09	ng	99	
72) Anthracene	11.492	178	919586	43.76	ng	99	
73) Carbazole	11.645	167	824335	44.29	ng	99	#
74) Di-n-butylphthalate	11.975	149	987146	45.76	ng	100	
75) Fluoranthene	12.633	202	953109	44.35	ng	100	
77) Benzidine	12.751	184	337304	39.54	ng	99	#
78) Pyrene	12.863	202	953436	46.55	ng	99	
80) Butylbenzylphthalate	13.480	149	354337	53.27	ng	99	
81) Benzo(a)anthracene	14.051	228	760200	47.29	ng	100	#
82) 3,3'-Dichlorobenzidine	14.016	252	133302	27.21	ng	99	
83) Chrysene	14.092	228	657949	44.22	ng	99	
84) Bis(2-ethylhexyl)phtha...	14.039	149	426338	53.17	ng	100	#
85) Di-n-octyl phthalate	14.657	149	626607	47.58	ng	99	
87) Indeno(1,2,3-cd)pyrene	17.051	276	713984	48.81	ng	99	
88) Benzo(b)fluoranthene	15.110	252	634642	46.28	ng	98	#
89) Benzo(k)fluoranthene	15.139	252	558412	44.01	ng	99	
90) Benzo(a)pyrene	15.486	252	572433	48.14	ng	99	
91) Dibenzo(a,h)anthracene	17.068	278	576733	49.02	ng	99	#
92) Benzo(g,h,i)perylene	17.504	276	571889	48.61	ng	97	

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

