

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143953.D
 Acq On : 15 Oct 2025 15:31
 Operator : RC/JU
 Sample : PB170101BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170101BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 16 00:13:07 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	124421	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	477266	20.00	ng	0.00
39) Acenaphthene-d10	9.928	164	261042	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	454320	20.00	ng	0.00
76) Chrysene-d12	14.063	240	273246	20.00	ng	0.00
86) Perylene-d12	15.545	264	256781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	899775	114.84	ng	0.01
7) Phenol-d6	6.510	99	1085909	116.28	ng	0.00
23) Nitrobenzene-d5	7.445	82	691083	87.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	344344	132.44	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1284751	78.09	ng	0.00
79) Terphenyl-d14	13.004	244	1459694	91.30	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	144355	39.81	ng	98
3) Pyridine	3.493	79	426532	40.41	ng	98
4) n-Nitrosodimethylamine	3.446	42	257121	46.31	ng	93
6) Aniline	6.545	93	455069	32.52	ng	99
8) 2-Chlorophenol	6.669	128	349220	45.60	ng	99
9) Benzaldehyde	6.434	77	208356	28.92	ng	99
10) Phenol	6.528	94	489097	43.81	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	395340	45.84	ng	98
12) 1,3-Dichlorobenzene	6.822	146	407126	44.41	ng	98
13) 1,4-Dichlorobenzene	6.898	146	401417	44.39	ng	98
14) 1,2-Dichlorobenzene	7.051	146	392860	45.35	ng	99
15) Benzyl Alcohol	7.022	79	335833	47.99	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	925586	47.15	ng	100
17) 2-Methylphenol	7.134	107	295982	46.76	ng	97
18) Hexachloroethane	7.392	117	134932	44.74	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	278363	43.54	ng	99
20) 3+4-Methylphenols	7.287	107	318774	43.45	ng	# 76
22) Acetophenone	7.292	105	484797	48.04	ng	96
24) Nitrobenzene	7.463	77	414210	47.48	ng	99
25) Isophorone	7.704	82	770356	46.51	ng	99
26) 2-Nitrophenol	7.781	139	201282	53.82	ng	97
27) 2,4-Dimethylphenol	7.816	122	338524	50.32	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	482017	46.07	ng	98
29) 2,4-Dichlorophenol	8.022	162	322070	45.96	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	322337	46.77	ng	99
31) Naphthalene	8.187	128	966611	44.52	ng	99
32) Benzoic acid	7.945	122	247985	53.26	ng	97
33) 4-Chloroaniline	8.234	127	128530	15.79	ng	99
34) Hexachlorobutadiene	8.304	225	209163	43.67	ng	97
35) Caprolactam	8.610	113	110278m	49.49	ng	
36) 4-Chloro-3-methylphenol	8.716	107	315186	46.82	ng	99
37) 2-Methylnaphthalene	8.881	142	583509	40.35	ng	99
38) 1-Methylnaphthalene	8.981	142	600054	42.78	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	350344	48.56	ng	99
41) Hexachlorocyclopentadiene	9.034	237	343722	114.84	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	237106	44.98	ng	96

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44) 2,4,5-Trichlorophenol	9.198	196	257981	46.31	ng	99
46) 1,1'-Biphenyl	9.345	154	836571	48.40	ng	99
47) 2-Chloronaphthalene	9.369	162	644137	44.70	ng	98
48) 2-Nitroaniline	9.463	65	232602	51.06	ng	98
49) Acenaphthylene	9.786	152	1010929	49.90	ng	100
50) Dimethylphthalate	9.645	163	774740	46.74	ng	100
51) 2,6-Dinitrotoluene	9.710	165	167460	54.48	ng	96
52) Acenaphthene	9.957	154	632556	47.65	ng	99
53) 3-Nitroaniline	9.875	138	113742	30.22	ng	100
54) 2,4-Dinitrophenol	9.986	184	167527	87.63	ng	93
55) Dibenzofuran	10.133	168	845081	45.10	ng	98
56) 4-Nitrophenol	10.039	139	264431	92.79	ng	96
57) 2,4-Dinitrotoluene	10.116	165	223184	53.36	ng	97
58) Fluorene	10.475	166	635252	44.93	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	197727	50.14	ng	# 97
60) Diethylphthalate	10.345	149	710974	46.17	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	333894	44.67	ng	100
62) 4-Nitroaniline	10.498	138	174492	48.21	ng	95
63) Azobenzene	10.628	77	769864	47.83	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	124095	54.35	ng	98
66) n-Nitrosodiphenylamine	10.586	169	661680	46.38	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	222534	44.32	ng	96
68) Hexachlorobenzene	11.022	284	268320	46.16	ng	99
69) Atrazine	11.116	200	209677	48.49	ng	96
70) Pentachlorophenol	11.222	266	280320	83.97	ng	97
71) Phenanthrene	11.439	178	982380	44.60	ng	99
72) Anthracene	11.492	178	983424	44.20	ng	98
73) Carbazole	11.645	167	896291	45.48	ng	99
74) Di-n-butylphthalate	11.975	149	1093404	47.87	ng	99
75) Fluoranthene	12.633	202	1040761	45.75	ng	99
77) Benzidine	12.751	184	307852	32.45	ng	98
78) Pyrene	12.863	202	1056299	46.37	ng	99
80) Butylbenzylphthalate	13.480	149	401079	54.21	ng	100
81) Benzo(a)anthracene	14.051	228	847353	47.39	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	128037	23.50	ng	# 98
83) Chrysene	14.092	228	752745	45.48	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	478242	53.63	ng	99
85) Di-n-octyl phthalate	14.657	149	721968	49.29	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	785801	49.94	ng	98
88) Benzo(b)fluoranthene	15.110	252	712934	48.33	ng	99
89) Benzo(k)fluoranthene	15.145	252	639917	46.88	ng	99
90) Benzo(a)pyrene	15.486	252	641052	50.12	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	638644	50.47	ng	100
92) Benzo(g,h,i)perylene	17.509	276	646781	51.11	ng	98

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

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