

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143753.D
 Acq On : 15 Sep 2025 15:51
 Operator : RC/JU
 Sample : PB169696BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169696BS

Quant Time: Sep 15 17:56:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	17926	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	66855	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	38017	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	62424	20.000	ng	0.02
76) Chrysene-d12	14.074	240	35927	20.000	ng	0.03
86) Perylene-d12	15.551	264	31814	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	79091	75.276	ng	0.02
7) Phenol-d6	6.516	99	92874	72.597	ng	0.01
23) Nitrobenzene-d5	7.451	82	52714	49.044	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	29971	78.228	ng	0.02
45) 2-Fluorobiphenyl	9.251	172	122056	48.499	ng	0.00
79) Terphenyl-d14	13.010	244	123883	55.879	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	22418	47.833	ng	95
3) Pyridine	3.534	79	57734	47.687	ng	93
4) n-Nitrosodimethylamine	3.493	42	24200	52.621	ng	100
6) Aniline	6.557	93	55929	33.008	ng	97
8) 2-Chlorophenol	6.675	128	58202	51.290	ng	95
9) Benzaldehyde	6.445	77	35860	34.742	ng	97
10) Phenol	6.528	94	74986	53.026	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	52082	49.312	ng	96
12) 1,3-Dichlorobenzene	6.834	146	65749	50.662	ng	99
13) 1,4-Dichlorobenzene	6.910	146	65675	50.137	ng	100
14) 1,2-Dichlorobenzene	7.063	146	63400	51.253	ng	100
15) Benzyl Alcohol	7.034	79	47900	51.473	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	57903	41.905	ng	94
17) 2-Methylphenol	7.139	107	47716	52.272	ng	96
18) Hexachloroethane	7.410	117	21026	49.690	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	39064	49.719	ng	99
20) 3+4-Methylphenols	7.292	107	61495	51.158	ng	90
22) Acetophenone	7.304	105	89195	59.072	ng	98
24) Nitrobenzene	7.475	77	55148	49.483	ng	97
25) Isophorone	7.716	82	105483	51.180	ng	97
26) 2-Nitrophenol	7.792	139	30326	55.344	ng	96
27) 2,4-Dimethylphenol	7.822	122	54010	54.905	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	65487	51.703	ng	99
29) 2,4-Dichlorophenol	8.028	162	50776	51.313	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	53742	52.423	ng	98
31) Naphthalene	8.198	128	167260	50.539	ng	100
32) Benzoic acid	7.922	122	23570	39.274	ng	94
33) 4-Chloroaniline	8.239	127	20998	18.225	ng	98
34) Hexachlorobutadiene	8.316	225	32369	48.409	ng	99
35) Caprolactam	8.616	113	13483m	51.195	ng	
36) 4-Chloro-3-methylphenol	8.722	107	48825	50.042	ng	95
37) 2-Methylnaphthalene	8.892	142	102697	45.331	ng	98
38) 1-Methylnaphthalene	8.992	142	105192	48.383	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	60501	55.589	ng	98
41) Hexachlorocyclopentadiene	9.045	237	78151	139.865	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	39055	53.739	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	37330	50.527	ng	98
46) 1,1'-Biphenyl	9.357	154	155376	56.770	ng	99
47) 2-Chloronaphthalene	9.380	162	106583	49.674	ng	99
48) 2-Nitroaniline	9.475	65	28598	50.365	ng	97
49) Acenaphthylene	9.798	152	177734	57.828	ng	99
50) Dimethylphthalate	9.657	163	125247	50.635	ng	100
51) 2,6-Dinitrotoluene	9.716	165	26646	56.343	ng	98
52) Acenaphthene	9.969	154	112854	53.285	ng	99
53) 3-Nitroaniline	9.886	138	14972	29.418	ng	99
54) 2,4-Dinitrophenol	9.992	184	23496	91.487	ng	# 40
55) Dibenzofuran	10.145	168	154314	50.670	ng	97
56) 4-Nitrophenol	10.045	139	44493	109.885	ng	94
57) 2,4-Dinitrotoluene	10.122	165	36734	57.071	ng	97
58) Fluorene	10.486	166	123565	51.832	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	32135	53.641	ng	99
60) Diethylphthalate	10.357	149	119796	51.587	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	61505	50.871	ng	96
62) 4-Nitroaniline	10.504	138	26681	55.351	ng	97
63) Azobenzene	10.639	77	104478	50.891	ng	97
65) 4,6-Dinitro-2-methylph...	10.527	198	17458	54.930	ng	97
66) n-Nitrosodiphenylamine	10.598	169	105784	51.728	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	36701	48.754	ng	95
68) Hexachlorobenzene	11.033	284	40528	50.988	ng	96
69) Atrazine	11.127	200	33129	51.667	ng	99
70) Pentachlorophenol	11.227	266	47176	98.182	ng	99
71) Phenanthrene	11.451	178	173331	50.395	ng	100
72) Anthracene	11.504	178	179514	51.906	ng	100
73) Carbazole	11.657	167	148639	52.479	ng	100
74) Di-n-butylphthalate	11.986	149	183723	53.879	ng	100
75) Fluoranthene	12.639	202	163212	51.691	ng	98
77) Benzidine	12.763	184	48162	41.109	ng	98
78) Pyrene	12.874	202	164331	57.208	ng	99
80) Butylbenzylphthalate	13.486	149	56066	62.295	ng	97
81) Benzo(a)anthracene	14.062	228	123501	53.433	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	13685	19.246	ng	94
83) Chrysene	14.098	228	107333	50.703	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	69704	54.280	ng	99
85) Di-n-octyl phthalate	14.662	149	102838	44.689	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	110797	51.029	ng	98
88) Benzo(b)fluoranthene	15.115	252	97286	51.370	ng	97
89) Benzo(k)fluoranthene	15.151	252	90715	53.075	ng	98
90) Benzo(a)pyrene	15.492	252	87317	52.481	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	92163	51.162	ng	99
92) Benzo(g,h,i)perylene	17.515	276	88561	52.559	ng	98

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

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