

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143402.D
 Acq On : 15 Aug 2025 05:23
 Operator : RC/JU
 Sample : PB169230BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169230BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 08:00:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	150462	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	575193	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	306529	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	442984	20.000	ng	0.00
76) Chrysene-d12	14.098	240	267936	20.000	ng	0.00
86) Perylene-d12	15.592	264	344135	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1038587	119.365	ng	0.01
7) Phenol-d6	6.569	99	1313768	117.744	ng	0.00
23) Nitrobenzene-d5	7.492	82	870531	94.248	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	349646	156.079	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1545055	85.474	ng	0.00
79) Terphenyl-d14	13.039	244	1320965	88.020	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.840	88	173960	38.637	ng	99
3) Pyridine	3.599	79	427803	35.656	ng	97
4) n-Nitrosodimethylamine	3.540	42	239474	42.848	ng	98
6) Aniline	6.598	93	560227	35.614	ng	97
8) 2-Chlorophenol	6.722	128	425874	45.806	ng	97
9) Benzaldehyde	6.487	77	240135	32.562	ng	96
10) Phenol	6.587	94	546457	41.341	ng	80
11) bis(2-Chloroethyl)ether	6.663	93	416370	42.740	ng	99
12) 1,3-Dichlorobenzene	6.875	146	466630	43.513	ng	99
13) 1,4-Dichlorobenzene	6.951	146	471920	43.846	ng	100
14) 1,2-Dichlorobenzene	7.104	146	460268	45.050	ng	99
15) Benzyl Alcohol	7.075	79	377176	47.158	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	709436	40.791	ng	97
17) 2-Methylphenol	7.187	107	349564	44.542	ng	99
18) Hexachloroethane	7.445	117	159619	47.303	ng	98
19) n-Nitroso-di-n-propyla...	7.345	70	295402	42.846	ng	98
20) 3+4-Methylphenols	7.340	107	404381	42.606	ng	100
22) Acetophenone	7.340	105	555835	43.858	ng	98
24) Nitrobenzene	7.510	77	459202	45.777	ng	99
25) Isophorone	7.751	82	842700	44.692	ng	99
26) 2-Nitrophenol	7.828	139	230190	56.559	ng	98
27) 2,4-Dimethylphenol	7.869	122	390773	49.675	ng	99
28) bis(2-Chloroethoxy)met...	7.957	93	510531	44.346	ng	100
29) 2,4-Dichlorophenol	8.075	162	359560	46.797	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	384129	47.395	ng	99
31) Naphthalene	8.239	128	1190317	43.007	ng	100
32) Benzoic acid	7.992	122	197064	54.977	ng	98
33) 4-Chloroaniline	8.281	127	297383	29.790	ng	99
34) Hexachlorobutadiene	8.357	225	234188	46.450	ng	99
35) Caprolactam	8.651	113	111644m	51.688	ng	
36) 4-Chloro-3-methylphenol	8.769	107	371373	46.105	ng	99
37) 2-Methylnaphthalene	8.928	142	723299	39.751	ng	99
38) 1-Methylnaphthalene	9.028	142	747959	42.681	ng	99
40) 1,2,4,5-Tetrachloroben...	9.098	216	376702	44.910	ng	99
41) Hexachlorocyclopentadiene	9.086	237	384088	125.687	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	236484	49.690	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	255666	47.571	ng	98
46) 1,1'-Biphenyl	9.392	154	965508	44.548	ng	99
47) 2-Chloronaphthalene	9.416	162	748550	43.853	ng	99
48) 2-Nitroaniline	9.510	65	237887	48.303	ng	97
49) Acenaphthylene	9.833	152	1205365	48.899	ng	100
50) Dimethylphthalate	9.686	163	869180	48.528	ng	100
51) 2,6-Dinitrotoluene	9.751	165	190890	55.808	ng	90
52) Acenaphthene	10.004	154	758483	46.283	ng	100
53) 3-Nitroaniline	9.922	138	138955	37.883	ng	95
54) 2,4-Dinitrophenol	10.028	184	145013	93.171	ng	# 82
55) Dibenzofuran	10.175	168	1041882	44.175	ng	98
56) 4-Nitrophenol	10.086	139	236880	80.750	ng	98
57) 2,4-Dinitrotoluene	10.157	165	252116	55.551	ng	89
58) Fluorene	10.522	166	785173	43.584	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	214180	59.119	ng	97
60) Diethylphthalate	10.386	149	790403	49.267	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	390000	44.803	ng	100
62) 4-Nitroaniline	10.533	138	178839	50.394	ng	98
63) Azobenzene	10.669	77	803297	43.837	ng	98
65) 4,6-Dinitro-2-methylph...	10.569	198	115661	62.034	ng	86
66) n-Nitrosodiphenylamine	10.628	169	684414	46.921	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	247617	48.875	ng	99
68) Hexachlorobenzene	11.075	284	263304	48.215	ng	98
69) Atrazine	11.151	200	206268	54.217	ng	99
70) Pentachlorophenol	11.269	266	238029	88.377	ng	98
71) Phenanthrene	11.480	178	1101447	45.573	ng	100
72) Anthracene	11.533	178	1103636	45.026	ng	100
73) Carbazole	11.686	167	918313	43.991	ng	99
74) Di-n-butylphthalate	12.010	149	1019694	57.726	ng	100
75) Fluoranthene	12.669	202	959076	45.301	ng	99
77) Benzidine	12.786	184	448495	61.227	ng	99
78) Pyrene	12.898	202	958541	42.645	ng	100
80) Butylbenzylphthalate	13.510	149	316736	69.681	ng	96
81) Benzo(a)anthracene	14.086	228	792229	46.520	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	176392	38.359	ng	99
83) Chrysene	14.127	228	758241	47.750	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	431370	64.528	ng	98
85) Di-n-octyl phthalate	14.686	149	817569	60.987	ng	94
87) Indeno(1,2,3-cd)pyrene	17.127	276	1165050	47.254	ng	99
88) Benzo(b)fluoranthene	15.157	252	914618	48.591	ng	99
89) Benzo(k)fluoranthene	15.186	252	838259	45.832	ng	99
90) Benzo(a)pyrene	15.533	252	881315	49.713	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	936697	47.556	ng	98
92) Benzo(g,h,i)perylene	17.586	276	943364	47.544	ng	100

08/15/2025
 Supervised By :Jagrut
 Upadhyay

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

