

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111425\
 Data File : BG064777.D
 Acq On : 14 Nov 2025 13:01
 Operator : RC/JU
 Sample : PB170551BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170551BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2025

Supervised By :Sohil Jodhani 11/17/2025

Quant Time: Nov 14 14:20:54 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 17:10:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	41092	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	164832	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	133926	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	346006	20.000	ng	0.00
76) Chrysene-d12	21.754	240	437476	20.000	ng	0.00
86) Perylene-d12	25.009	264	397800	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	301810	128.255	ng	0.00
7) Phenol-d6	7.312	99	406936	130.017	ng	0.00
23) Nitrobenzene-d5	9.327	82	259393	77.807	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	335506	128.449	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	738657	76.959	ng	0.00
79) Terphenyl-d14	20.091	244	1865736	83.892	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	29621	32.514	ng	92
3) Pyridine	3.934	79	78364	28.870	ng	98
4) n-Nitrosodimethylamine	3.846	42	54282	39.291	ng	86
6) Aniline	7.477	93	138315	33.154	ng	97
8) 2-Chlorophenol	7.723	128	120805	46.753	ng	97
9) Benzaldehyde	7.289	77	48164	23.508	ng	91
10) Phenol	7.336	94	157179	46.156	ng	96
11) bis(2-Chloroethyl)ether	7.571	93	103706	42.796	ng	99
12) 1,3-Dichlorobenzene	8.052	146	124899	42.008	ng	98
13) 1,4-Dichlorobenzene	8.199	146	128841	42.557	ng	98
14) 1,2-Dichlorobenzene	8.523	146	125178	42.642	ng	96
15) Benzyl Alcohol	8.393	79	116413	45.314	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.687	45	230010	40.101	ng	97
17) 2-Methylphenol	8.599	107	109216	45.326	ng	97
18) Hexachloroethane	9.263	117	45021	39.262	ng	96
19) n-Nitroso-di-n-propyla...	8.969	70	91332	43.158	ng	94
20) 3+4-Methylphenols	8.928	107	148927	45.116	ng	94
22) Acetophenone	8.987	105	208173	46.356	ng	98
24) Nitrobenzene	9.369	77	143346	42.555	ng	94
25) Isophorone	9.897	82	257926	40.627	ng	96
26) 2-Nitrophenol	10.085	139	67221	44.366	ng	96
27) 2,4-Dimethylphenol	10.138	122	117802	43.764	ng	98
28) bis(2-Chloroethoxy)met...	10.373	93	148356	42.566	ng	98
29) 2,4-Dichlorophenol	10.620	162	136599	47.268	ng	96
30) 1,2,4-Trichlorobenzene	10.837	180	149794	42.926	ng	99
31) Naphthalene	11.031	128	379917	40.659	ng	100
32) Benzoic acid	10.279	122	87119m	46.121	ng	
33) 4-Chloroaniline	11.125	127	80669	21.582	ng	99
34) Hexachlorobutadiene	11.319	225	115866	38.698	ng	97
35) Caprolactam	11.895	113	40862m	47.274	ng	
36) 4-Chloro-3-methylphenol	12.236	107	147862	45.969	ng	98
37) 2-Methylnaphthalene	12.624	142	261383	37.381	ng	98
38) 1-Methylnaphthalene	12.841	142	270704	38.973	ng	97
40) 1,2,4,5-Tetrachloroben...	12.988	216	238532	45.766	ng	99
41) Hexachlorocyclopentadiene	12.970	237	269162	72.049	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	138376	45.236	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	153753	44.814	ng	94
46) 1,1'-Biphenyl	13.617	154	446993	46.470	ng	99
47) 2-Chloronaphthalene	13.658	162	315331	41.611	ng	98
48) 2-Nitroaniline	13.846	65	112071	45.979	ng	100
49) Acenaphthylene	14.498	152	555081	42.875	ng	98
50) Dimethylphthalate	14.222	163	458672	43.356	ng	99
51) 2,6-Dinitrotoluene	14.333	165	96092	47.203	ng	96
52) Acenaphthene	14.839	154	393384	50.677	ng	96
53) 3-Nitroaniline	14.662	138	71833	35.752	ng	93
54) 2,4-Dinitrophenol	14.868	184	129654	91.585	ng	97
55) Dibenzofuran	15.168	168	555008	43.247	ng	99
56) 4-Nitrophenol	14.962	139	159411	100.000	ng	95
57) 2,4-Dinitrotoluene	15.121	165	146470	47.993	ng	99
58) Fluorene	15.814	166	441323	43.846	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.385	232	169960	50.208	ng	97
60) Diethylphthalate	15.573	149	449079	44.312	ng	100
61) 4-Chlorophenyl-phenyle...	15.802	204	260282	43.089	ng	98
62) 4-Nitroaniline	15.820	138	97583	46.882	ng	96
63) Azobenzene	16.090	77	379755	45.051	ng	99
65) 4,6-Dinitro-2-methylph...	15.879	198	97053	50.520	ng	95
66) n-Nitrosodiphenylamine	16.014	169	408935	45.121	ng	97
67) 4-Bromophenyl-phenylether	16.689	248	198384	43.660	ng	97
68) Hexachlorobenzene	16.813	284	238339	43.294	ng	94
69) Atrazine	16.948	200	194089	44.418	ng	98
70) Pentachlorophenol	17.154	266	307451	93.272	ng	100
71) Phenanthrene	17.547	178	823521	43.501	ng	99
72) Anthracene	17.635	178	835398	43.277	ng	99
73) Carbazole	17.900	167	734422	44.257	ng	98
74) Di-n-butylphthalate	18.446	149	812510	43.887	ng	99
75) Fluoranthene	19.539	202	1096463	42.355	ng	99
77) Benzidine	19.709	184	265328	20.251	ng	98
78) Pyrene	19.897	202	1143228	46.627	ng	99
80) Butylbenzylphthalate	20.767	149	387674	44.952	ng	96
81) Benzo(a)anthracene	21.736	228	1269308	42.671	ng	99
82) 3,3'-Dichlorobenzidine	21.642	252	327158	29.881	ng	99
83) Chrysene	21.801	228	1209279	43.120	ng	99
84) Bis(2-ethylhexyl)phtha...	21.631	149	546025	43.328	ng	99
85) Di-n-octyl phthalate	22.859	149	889757	40.845	ng	98
87) Indeno(1,2,3-cd)pyrene	28.740	276	1298616	47.516	ng	# 98
88) Benzo(b)fluoranthene	23.981	252	1193012	47.126	ng	100
89) Benzo(k)fluoranthene	24.045	252	1234984	48.558	ng	99
90) Benzo(a)pyrene	24.862	252	1121621	47.762	ng	98
91) Dibenzo(a,h)anthracene	28.805	278	1082964	48.369	ng	97
92) Benzo(g,h,i)perylene	29.915	276	1028487	47.731	ng	98

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

