

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
 Data File : BG064689.D
 Acq On : 5 Nov 2025 17:22
 Operator : RC/JU
 Sample : PB170325BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170325BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:57:21 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 18:16:26 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	36059	20.000	ng	-0.02
21) Naphthalene-d8	11.032	136	146386	20.000	ng	#-0.02
39) Acenaphthene-d10	14.828	164	129747	20.000	ng	-0.02
64) Phenanthrene-d10	17.566	188	334598	20.000	ng	#-0.02
76) Chrysene-d12	21.837	240	282873	20.000	ng	-0.02
86) Perylene-d12	25.169	264	290190	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.739	112	261943	121.931	ng	-0.01
7) Phenol-d6	7.348	99	363184	123.201	ng	0.00
23) Nitrobenzene-d5	9.370	82	234753	96.320	ng	-0.02
42) 2,4,6-Tribromophenol	16.308	330	304559	162.636	ng	-0.01
45) 2-Fluorobiphenyl	13.459	172	694067	81.083	ng	-0.02
79) Terphenyl-d14	20.157	244	1380264	92.083	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	24681	25.950	ng	98
3) Pyridine	3.976	79	73023	25.567	ng	93
4) n-Nitrosodimethylamine	3.882	42	55045	35.938	ng	98
6) Aniline	7.519	93	119717	29.845	ng	97
8) 2-Chlorophenol	7.766	128	104798	46.606	ng	92
9) Benzaldehyde	7.325	77	44107	27.406	ng	95
10) Phenol	7.372	94	143127	43.902	ng	93
11) bis(2-Chloroethyl)ether	7.607	93	86031	35.892	ng	96
12) 1,3-Dichlorobenzene	8.095	146	106359	41.096	ng	93
13) 1,4-Dichlorobenzene	8.241	146	107691	40.923	ng	98
14) 1,2-Dichlorobenzene	8.565	146	105575	41.594	ng	99
15) Benzyl Alcohol	8.435	79	108556	44.657	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.729	45	239313	38.063	ng	98
17) 2-Methylphenol	8.635	107	103290	47.719	ng	95
18) Hexachloroethane	9.305	117	38652	41.855	ng	92
19) n-Nitroso-di-n-propyla...	9.011	70	87690	43.042	ng	99
20) 3+4-Methylphenols	8.964	107	139809	45.929	ng	97
22) Acetophenone	9.029	105	183853	45.945	ng	97
24) Nitrobenzene	9.411	77	126476	47.711	ng	95
25) Isophorone	9.939	82	248626	42.513	ng	99
26) 2-Nitrophenol	10.127	139	57733	55.895	ng	# 95
27) 2,4-Dimethylphenol	10.180	122	117833	54.167	ng	97
28) bis(2-Chloroethoxy)met...	10.421	93	138809	41.687	ng	97
29) 2,4-Dichlorophenol	10.668	162	125512	53.612	ng	98
30) 1,2,4-Trichlorobenzene	10.891	180	124907	46.958	ng	98
31) Naphthalene	11.079	128	340585	41.964	ng	99
32) Benzoic acid	10.321	122	84081	50.280	ng	98
33) 4-Chloroaniline	11.173	127	76921	24.384	ng	98
34) Hexachlorobutadiene	11.373	225	94907	45.623	ng	90
35) Caprolactam	11.955	113	40681m	45.306	ng	
36) 4-Chloro-3-methylphenol	12.284	107	146146	51.934	ng	98
37) 2-Methylnaphthalene	12.672	142	245159	41.142	ng	95
38) 1-Methylnaphthalene	12.889	142	256593m	43.498	ng	
40) 1,2,4,5-Tetrachloroben...	13.036	216	207229	47.591	ng	100
41) Hexachlorocyclopentadiene	13.024	237	236064	120.444	ng	97
43) 2,4,6-Trichlorophenol	13.265	196	130419	52.361	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
 Data File : BG064689.D
 Acq On : 5 Nov 2025 17:22
 Operator : RC/JU
 Sample : PB170325BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170325BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:57:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	145864	50.747	ng	96
46) 1,1'-Biphenyl	13.670	154	432828	46.923	ng	97
47) 2-Chloronaphthalene	13.712	162	293774	42.193	ng	99
48) 2-Nitroaniline	13.900	65	115078	49.150	ng	94
49) Acenaphthylene	14.552	152	539701	49.143	ng	99
50) Dimethylphthalate	14.276	163	449328	45.258	ng	99
51) 2,6-Dinitrotoluene	14.387	165	91757	55.479	ng	98
52) Acenaphthene	14.893	154	363979	48.509	ng	99
53) 3-Nitroaniline	14.722	138	65814	38.573	ng	# 97
54) 2,4-Dinitrophenol	14.922	184	107905	105.440	ng	# 39
55) Dibenzofuran	15.227	168	534282	44.044	ng	98
56) 4-Nitrophenol	15.016	139	124501	78.703	ng	92
57) 2,4-Dinitrotoluene	15.175	165	136996	53.701	ng	# 98
58) Fluorene	15.874	166	431114	45.507	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.445	232	155978	56.749	ng	97
60) Diethylphthalate	15.633	149	457847	45.165	ng	100
61) 4-Chlorophenyl-phenyle...	15.862	204	252138	47.425	ng	98
62) 4-Nitroaniline	15.880	138	84230	44.374	ng	93
63) Azobenzene	16.150	77	401235	43.138	ng	98
65) 4,6-Dinitro-2-methylph...	15.938	198	82566	55.165	ng	93
66) n-Nitrosodiphenylamine	16.068	169	404720	44.778	ng	97
67) 4-Bromophenyl-phenylether	16.749	248	189180	47.711	ng	98
68) Hexachlorobenzene	16.873	284	220693	48.788	ng	98
69) Atrazine	17.008	200	182744	46.983	ng	97
70) Pentachlorophenol	17.213	266	222596	78.912	ng	93
71) Phenanthrene	17.613	178	774558	42.331	ng	99
72) Anthracene	17.701	178	794598	42.690	ng	100
73) Carbazole	17.959	167	619754	37.759	ng	98
74) Di-n-butylphthalate	18.512	149	760380	40.062	ng	99
75) Fluoranthene	19.605	202	856537	37.367	ng	97
77) Benzidine	19.769	184	177192	27.959	ng	99
78) Pyrene	19.963	202	848468	45.909	ng	99
80) Butylbenzylphthalate	20.838	149	256975	46.005	ng	95
81) Benzo(a)anthracene	21.820	228	823118	43.885	ng	99
82) 3,3'-Dichlorobenzidine	21.726	252	209663	33.475	ng	98
83) Chrysene	21.884	228	772178	43.267	ng	98
84) Bis(2-ethylhexyl)phtha...	21.720	149	364780	43.705	ng	# 97
85) Di-n-octyl phthalate	22.971	149	630615	44.813	ng	97
87) Indeno(1,2,3-cd)pyrene	28.988	276	994936	46.607	ng	# 94
88) Benzo(b)fluoranthene	24.111	252	838466	47.120	ng	98
89) Benzo(k)fluoranthene	24.182	252	836840	46.996	ng	98
90) Benzo(a)pyrene	25.010	252	794276	48.559	ng	# 98
91) Dibenzo(a,h)anthracene	29.058	278	827775	47.729	ng	96
92) Benzo(g,h,i)perylene	30.180	276	800901	48.342	ng	# 96

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

