

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064719.D
 Acq On : 7 Nov 2025 16:54
 Operator : RC/JU
 Sample : PB170446BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170446BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 07 17:40:54 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	8.200	152	38061	20.000	ng	-0.02
21) Naphthalene-d8	11.026	136	154155	20.000	ng	#-0.02
39) Acenaphthene-d10	14.827	164	120328	20.000	ng	-0.02
64) Phenanthrene-d10	17.560	188	326396	20.000	ng	#-0.02
76) Chrysene-d12	21.831	240	355727	20.000	ng	#-0.03
86) Perylene-d12	25.162	264	359174	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.738	112	237126	104.573	ng	-0.01
7) Phenol-d6	7.342	99	287784	92.488	ng	-0.01
23) Nitrobenzene-d5	9.369	82	275019	107.154	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	221760	127.691	ng	-0.02
45) 2-Fluorobiphenyl	13.453	172	786948	99.130	ng	-0.02
79) Terphenyl-d14	20.151	244	1798681	95.422	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	28692	28.580	ng	97
3) Pyridine	3.975	79	73902	24.513	ng	95
4) n-Nitrosodimethylamine	3.881	42	57327	35.459	ng	97
6) Aniline	7.512	93	87035	20.556	ng	98
8) 2-Chlorophenol	7.759	128	119354	50.287	ng	93
9) Benzaldehyde	7.336	77	492	0.290	ng	# 21
10) Phenol	7.371	94	153002	44.463	ng	94
11) bis(2-Chloroethyl)ether	7.606	93	101160	39.984	ng	93
12) 1,3-Dichlorobenzene	8.088	146	124098	45.428	ng	97
13) 1,4-Dichlorobenzene	8.235	146	128015	46.087	ng	96
14) 1,2-Dichlorobenzene	8.558	146	124435	46.446	ng	97
15) Benzyl Alcohol	8.435	79	115429	44.986	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.729	45	239548	36.096	ng	95
17) 2-Methylphenol	8.635	107	106243	46.502	ng	95
18) Hexachloroethane	9.304	117	45468	46.646	ng	92
19) n-Nitroso-di-n-propyla...	9.005	70	91710	42.648	ng	94
20) 3+4-Methylphenols	8.964	107	145491	45.281	ng	96
22) Acetophenone	9.022	105	183612	43.572	ng	# 93
24) Nitrobenzene	9.410	77	141186	50.576	ng	93
25) Isophorone	9.939	82	254423	41.312	ng	97
26) 2-Nitrophenol	10.127	139	65701	60.151	ng	95
27) 2,4-Dimethylphenol	10.180	122	118614	51.778	ng	98
28) bis(2-Chloroethoxy)met...	10.415	93	145179	41.403	ng	99
29) 2,4-Dichlorophenol	10.668	162	133309	54.072	ng	97
30) 1,2,4-Trichlorobenzene	10.885	180	149399	53.335	ng	97
31) Naphthalene	11.079	128	381367	44.621	ng	99
32) Benzoic acid	10.303	122	81522m	46.831	ng	
33) 4-Chloroaniline	11.173	127	87831	26.439	ng	98
34) Hexachlorobutadiene	11.367	225	117468	53.622	ng	98
35) Caprolactam	11.943	113	37813m	39.989	ng	
36) 4-Chloro-3-methylphenol	12.277	107	142725	48.162	ng	97
37) 2-Methylnaphthalene	12.671	142	285895	45.561	ng	99
38) 1-Methylnaphthalene	12.888	142	270471	43.540	ng	98
40) 1,2,4,5-Tetrachloroben...	13.035	216	214940	53.225	ng	99
41) Hexachlorocyclopentadiene	13.018	237	248477	136.701	ng	99
43) 2,4,6-Trichlorophenol	13.265	196	134974	58.432	ng	99

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44) 2,4,5-Trichlorophenol	13.335	196	152756	57.305	ng	95
46) 1,1'-Biphenyl	13.664	154	402880	47.096	ng	96
47) 2-Chloronaphthalene	13.711	162	316707	49.047	ng	97
48) 2-Nitroaniline	13.893	65	113021	51.860	ng	94
49) Acenaphthylene	14.551	152	493325	48.436	ng	99
50) Dimethylphthalate	14.269	163	443005	48.113	ng	99
51) 2,6-Dinitrotoluene	14.387	165	93259	60.494	ng	92
52) Acenaphthene	14.892	154	378635	54.413	ng	98
53) 3-Nitroaniline	14.716	138	69200	43.732	ng	99
54) 2,4-Dinitrophenol	14.921	184	108934	114.284	ng	# 33
55) Dibenzofuran	15.221	168	544332	48.385	ng	99
56) 4-Nitrophenol	15.015	139	149391	101.830	ng	91
57) 2,4-Dinitrotoluene	15.168	165	133989	56.467	ng	# 91
58) Fluorene	15.867	166	420174	47.824	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.438	232	159546	62.591	ng	96
60) Diethylphthalate	15.626	149	432419	45.995	ng	99
61) 4-Chlorophenyl-phenyle...	15.856	204	258590	52.446	ng	98
62) 4-Nitroaniline	15.873	138	87626	49.776	ng	91
63) Azobenzene	16.149	77	360037	41.738	ng	96
65) 4,6-Dinitro-2-methylph...	15.932	198	83300	56.868	ng	94
66) n-Nitrosodiphenylamine	16.067	169	389668	44.196	ng	99
67) 4-Bromophenyl-phenylether	16.749	248	190933	49.363	ng	95
68) Hexachlorobenzene	16.872	284	220455	49.960	ng	93
69) Atrazine	17.001	200	112248	29.584	ng	99
70) Pentachlorophenol	17.207	266	227079	82.524	ng	95
71) Phenanthrene	17.607	178	774756	43.405	ng	99
72) Anthracene	17.695	178	754777	41.570	ng	100
73) Carbazole	17.959	167	662081	41.352	ng	99
74) Di-n-butylphthalate	18.511	149	751234	40.575	ng	99
75) Fluoranthene	19.598	202	969628	43.363	ng	98
77) Benzidine	19.769	184	71796	9.009	ng	96
78) Pyrene	19.957	202	1002221	43.122	ng	99
80) Butylbenzylphthalate	20.832	149	345984	49.255	ng	89
81) Benzo(a)anthracene	21.813	228	1145021	48.545	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	359930	45.698	ng	99
83) Chrysene	21.884	228	1059232	47.196	ng	98
84) Bis(2-ethylhexyl)phtha...	21.713	149	505380	48.149	ng	# 97
85) Di-n-octyl phthalate	22.965	149	877431	49.583	ng	94
87) Indeno(1,2,3-cd)pyrene	28.976	276	1397154	52.878	ng	99
88) Benzo(b)fluoranthene	24.105	252	1226427	55.685	ng	# 97
89) Benzo(k)fluoranthene	24.175	252	1168573	53.021	ng	# 97
90) Benzo(a)pyrene	25.010	252	1023739	50.567	ng	# 98
91) Dibenzo(a,h)anthracene	29.046	278	1184674	55.188	ng	# 96
92) Benzo(g,h,i)perylene	30.180	276	1143584	55.769	ng	# 96

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

