

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
 Data File : BG064934.D
 Acq On : 11 Dec 2025 14:52
 Operator : RC/JU
 Sample : PB170904BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170904BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/12/2025

Supervised By :Jagrut Upadhyay 12/12/2025

Quant Time: Dec 11 15:29:47 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	8.155	152	22694	20.000	ng	-0.01
21) Naphthalene-d8	10.969	136	87472	20.000	ng	#-0.02
39) Acenaphthene-d10	14.765	164	78637	20.000	ng	-0.01
64) Phenanthrene-d10	17.497	188	193790	20.000	ng	# 0.00
76) Chrysene-d12	21.751	240	231468	20.000	ng	# 0.00
86) Perylene-d12	25.006	264	254312	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	158018	121.589	ng	0.00
7) Phenol-d6	7.309	99	208550	120.651	ng	0.00
23) Nitrobenzene-d5	9.318	82	137407	77.668	ng	-0.01
42) 2,4,6-Tribromophenol	16.246	330	242261	157.962	ng	0.00
45) 2-Fluorobiphenyl	13.396	172	456249	80.957	ng	-0.01
79) Terphenyl-d14	20.082	244	1131478	96.157	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.513	88	13506	26.844	ng	# 89
3) Pyridine	3.925	79	38759	25.855	ng	94
4) n-Nitrosodimethylamine	3.837	42	30364	39.796	ng	86
6) Aniline	7.468	93	56830	24.666	ng	98
8) 2-Chlorophenol	7.714	128	66150	46.356	ng	94
9) Benzaldehyde	7.280	77	26584	23.494	ng	93
10) Phenol	7.332	94	76443	40.646	ng	87
11) bis(2-Chloroethyl)ether	7.562	93	48172	35.995	ng	97
12) 1,3-Dichlorobenzene	8.043	146	70591	42.990	ng	98
13) 1,4-Dichlorobenzene	8.190	146	72605	43.424	ng	92
14) 1,2-Dichlorobenzene	8.513	146	71581	44.153	ng	99
15) Benzyl Alcohol	8.390	79	62365	43.956	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.678	45	100459	31.713	ng	98
17) 2-Methylphenol	8.596	107	57322	43.076	ng	97
18) Hexachloroethane	9.254	117	26399	41.686	ng	89
19) n-Nitroso-di-n-propyla...	8.954	70	44191	37.811	ng	99
20) 3+4-Methylphenols	8.919	107	78933	43.298	ng	99
22) Acetophenone	8.978	105	100268	42.074	ng	98
24) Nitrobenzene	9.360	77	73186	40.941	ng	96
25) Isophorone	9.888	82	129298	38.378	ng	# 97
26) 2-Nitrophenol	10.076	139	41375	51.459	ng	98
27) 2,4-Dimethylphenol	10.129	122	64500	45.154	ng	97
28) bis(2-Chloroethoxy)met...	10.364	93	69549	37.603	ng	98
29) 2,4-Dichlorophenol	10.617	162	79443	51.802	ng	95
30) 1,2,4-Trichlorobenzene	10.834	180	93694	50.595	ng	95
31) Naphthalene	11.022	128	206976	41.741	ng	100
32) Benzoic acid	10.258	122	34754m	36.131	ng	
33) 4-Chloroaniline	11.122	127	38686	19.503	ng	# 93
34) Hexachlorobutadiene	11.310	225	81368	51.210	ng	98
35) Caprolactam	11.892	113	20855m	45.466	ng	
36) 4-Chloro-3-methylphenol	12.233	107	80196	46.982	ng	96
37) 2-Methylnaphthalene	12.615	142	145192	39.128	ng	99
38) 1-Methylnaphthalene	12.832	142	150383	40.799	ng	95
40) 1,2,4,5-Tetrachloroben...	12.979	216	141665	46.291	ng	99
41) Hexachlorocyclopentadiene	12.961	237	185566	84.596	ng	96
43) 2,4,6-Trichlorophenol	13.208	196	88915	49.503	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.284	196	98600	48.945	ng	97
46) 1,1'-Biphenyl	13.608	154	233547	41.351	ng	96
47) 2-Chloronaphthalene	13.655	162	183188	41.169	ng	98
48) 2-Nitroaniline	13.843	65	58203	40.668	ng	96
49) Acenaphthylene	14.495	152	319010	41.965	ng	99
50) Dimethylphthalate	14.213	163	271298	43.675	ng	99
51) 2,6-Dinitrotoluene	14.330	165	55814	46.694	ng	97
52) Acenaphthene	14.835	154	205042	44.986	ng	99
53) 3-Nitroaniline	14.659	138	32540	27.582	ng	84
54) 2,4-Dinitrophenol	14.865	184	45007	57.654	ng	95
55) Dibenzofuran	15.165	168	323200	42.891	ng	98
56) 4-Nitrophenol	14.965	139	81042	86.583	ng	87
57) 2,4-Dinitrotoluene	15.118	165	83484	46.587	ng	# 93
58) Fluorene	15.805	166	251005	42.471	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.388	232	104267	52.458	ng	# 94
60) Diethylphthalate	15.564	149	258255	43.399	ng	98
61) 4-Chlorophenyl-phenyle...	15.793	204	166973	47.077	ng	94
62) 4-Nitroaniline	15.817	138	51195	41.888	ng	89
63) Azobenzene	16.087	77	182596	36.892	ng	88
65) 4,6-Dinitro-2-methylph...	15.875	198	42595	39.588	ng	88
66) n-Nitrosodiphenylamine	16.005	169	230756	45.460	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	128536	50.507	ng	94
68) Hexachlorobenzene	16.810	284	157709	51.150	ng	91
69) Atrazine	16.945	200	117157	47.872	ng	98
70) Pentachlorophenol	17.150	266	141717	77.850	ng	98
71) Phenanthrene	17.544	178	454431	42.859	ng	99
72) Anthracene	17.632	178	461634	42.698	ng	99
73) Carbazole	17.891	167	385680	41.497	ng	99
74) Di-n-butylphthalate	18.437	149	431076	41.573	ng	99
75) Fluoranthene	19.536	202	595391	41.065	ng	97
77) Benzidine	19.700	184	137383	19.818	ng	98
78) Pyrene	19.894	202	607726	46.846	ng	99
80) Butylbenzylphthalate	20.758	149	185757	40.709	ng	95
81) Benzo(a)anthracene	21.727	228	681634	43.309	ng	98
82) 3,3'-Dichlorobenzidine	21.633	252	163008	28.139	ng	100
83) Chrysene	21.798	228	637024	42.931	ng	99
84) Bis(2-ethylhexyl)phtha...	21.622	149	265164	39.768	ng	# 99
85) Di-n-octyl phthalate	22.844	149	447412	38.819	ng	99
87) Indeno(1,2,3-cd)pyrene	28.737	276	898335	51.415	ng	99
88) Benzo(b)fluoranthene	23.972	252	699885	43.245	ng	# 98
89) Benzo(k)fluoranthene	24.042	252	713058	43.855	ng	# 96
90) Benzo(a)pyrene	24.859	252	673995	44.895	ng	# 99
91) Dibenzo(a,h)anthracene	28.801	278	752235	52.554	ng	# 95
92) Benzo(g,h,i)perylene	29.912	276	714746	51.886	ng	# 96

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

