

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064801.D
 Acq On : 18 Nov 2025 13:34
 Operator : RC/JU
 Sample : PB170598BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 18 14:10:37 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	8.164	152	43218	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	173831	20.000	ng	0.00
39) Acenaphthene-d10	14.773	164	141529	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	367810	20.000	ng	0.00
76) Chrysene-d12	21.753	240	443295	20.000	ng	0.00
86) Perylene-d12	25.009	264	396280	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	320607	129.541	ng	0.00
7) Phenol-d6	7.312	99	430380	130.743	ng	0.00
23) Nitrobenzene-d5	9.327	82	274952	78.205	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	348692	126.326	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	769531	75.868	ng	0.00
79) Terphenyl-d14	20.091	244	1887131	83.740	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	30686	32.027	ng	94
3) Pyridine	3.933	79	86035	30.137	ng	98
4) n-Nitrosodimethylamine	3.839	42	57035	39.253	ng	85
6) Aniline	7.476	93	138071	31.468	ng	98
8) 2-Chlorophenol	7.723	128	126216	46.445	ng	96
9) Benzaldehyde	7.288	77	45433	21.084	ng	96
10) Phenol	7.335	94	170064	47.483	ng	98
11) bis(2-Chloroethyl)ether	7.570	93	105576	41.425	ng	98
12) 1,3-Dichlorobenzene	8.052	146	128261	41.016	ng	98
13) 1,4-Dichlorobenzene	8.199	146	133859	42.039	ng	96
14) 1,2-Dichlorobenzene	8.522	146	131229	42.505	ng	99
15) Benzyl Alcohol	8.393	79	124304	46.005	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.686	45	238139	39.476	ng	97
17) 2-Methylphenol	8.598	107	117397	46.325	ng	99
18) Hexachloroethane	9.262	117	47516	39.400	ng	97
19) n-Nitroso-di-n-propyla...	8.968	70	95063	42.711	ng	94
20) 3+4-Methylphenols	8.927	107	159883	46.053	ng	93
22) Acetophenone	8.986	105	221689	46.810	ng	98
24) Nitrobenzene	9.368	77	148453	41.789	ng	99
25) Isophorone	9.897	82	275691	41.177	ng	97
26) 2-Nitrophenol	10.079	139	71917	45.009	ng	98
27) 2,4-Dimethylphenol	10.138	122	127345	44.861	ng	95
28) bis(2-Chloroethoxy)met...	10.373	93	159049	43.271	ng	100
29) 2,4-Dichlorophenol	10.620	162	144305	47.349	ng	98
30) 1,2,4-Trichlorobenzene	10.843	180	158061	42.950	ng	96
31) Naphthalene	11.031	128	403850	40.983	ng	99
32) Benzoic acid	10.279	122	90686	45.600	ng	98
33) 4-Chloroaniline	11.131	127	86450	21.931	ng	96
34) Hexachlorobutadiene	11.319	225	122831	38.900	ng	97
35) Caprolactam	11.894	113	43550m	47.776	ng	
36) 4-Chloro-3-methylphenol	12.235	107	157593	46.458	ng	98
37) 2-Methylnaphthalene	12.623	142	277614	37.647	ng	97
38) 1-Methylnaphthalene	12.840	142	290858	39.707	ng	99
40) 1,2,4,5-Tetrachloroben...	12.987	216	246950	44.836	ng	98
41) Hexachlorocyclopentadiene	12.970	237	268004	67.885	ng	96
43) 2,4,6-Trichlorophenol	13.216	196	145125	44.893	ng	97

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 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	165963	45.775	ng	97
46) 1,1'-Biphenyl	13.616	154	470212	46.257	ng	97
47) 2-Chloronaphthalene	13.663	162	328320	40.997	ng	98
48) 2-Nitroaniline	13.851	65	120555	46.803	ng	98
49) Acenaphthylene	14.497	152	586359	42.858	ng	97
50) Dimethylphthalate	14.221	163	484501	43.337	ng	98
51) 2,6-Dinitrotoluene	14.339	165	102738	47.757	ng	92
52) Acenaphthene	14.838	154	410238	50.009	ng	98
53) 3-Nitroaniline	14.662	138	75948	35.770	ng	92
54) 2,4-Dinitrophenol	14.867	184	139949	93.363	ng	96
55) Dibenzofuran	15.167	168	581920	42.909	ng	97
56) 4-Nitrophenol	14.967	139	170404	101.154	ng	94
57) 2,4-Dinitrotoluene	15.120	165	153542	47.607	ng	96
58) Fluorene	15.813	166	457504	43.012	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.390	232	179384	50.146	ng	96
60) Diethylphthalate	15.573	149	473056	44.170	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	270621	42.394	ng	99
62) 4-Nitroaniline	15.819	138	105045	47.756	ng	89
63) Azobenzene	16.090	77	397385	44.610	ng	99
65) 4,6-Dinitro-2-methylph...	15.878	198	102654	50.267	ng	96
66) n-Nitrosodiphenylamine	16.013	169	421718	43.773	ng	98
67) 4-Bromophenyl-phenylether	16.689	248	204256	42.288	ng	98
68) Hexachlorobenzene	16.812	284	242834	41.496	ng	99
69) Atrazine	16.947	200	197821	42.588	ng	97
70) Pentachlorophenol	17.153	266	327276	93.392	ng	98
71) Phenanthrene	17.547	178	866605	43.063	ng	99
72) Anthracene	17.635	178	867959	42.298	ng	99
73) Carbazole	17.899	167	774488	43.904	ng	100
74) Di-n-butylphthalate	18.446	149	850709	43.226	ng	99
75) Fluoranthene	19.538	202	1137730	41.344	ng	99
77) Benzidine	19.709	184	237348	17.878	ng	99
78) Pyrene	19.897	202	1185154	47.702	ng	99
80) Butylbenzylphthalate	20.766	149	402517	46.061	ng	97
81) Benzo(a)anthracene	21.736	228	1279527	42.449	ng	99
82) 3,3'-Dichlorobenzidine	21.642	252	327800	29.546	ng	99
83) Chrysene	21.801	228	1213460	42.701	ng	99
84) Bis(2-ethylhexyl)phtha...	21.630	149	553281	43.327	ng	99
85) Di-n-octyl phthalate	22.852	149	927516	42.020	ng	98
87) Indeno(1,2,3-cd)pyrene	28.745	276	1314214	48.271	ng	# 95
88) Benzo(b)fluoranthene	23.974	252	1203332	47.716	ng	99
89) Benzo(k)fluoranthene	24.045	252	1244574	49.123	ng	99
90) Benzo(a)pyrene	24.862	252	1127879	48.213	ng	# 97
91) Dibenzo(a,h)anthracene	28.816	278	1096913	49.180	ng	96
92) Benzo(g,h,i)perylene	29.909	276	1057418	49.262	ng	95

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

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