

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
 Data File : BG064535.D
 Acq On : 17 Oct 2025 14:23
 Operator : RC/JU
 Sample : SP6895
 Misc : 8270/625.1 SPIKE
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SP6895

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 15:00:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	14319	20.000	ng	0.00
21) Naphthalene-d8	10.602	136	59190	20.000	ng	# 0.00
39) Acenaphthene-d10	14.445	164	45613	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	117431	20.000	ng	# 0.00
76) Chrysene-d12	21.413	240	132579	20.000	ng	0.00
86) Perylene-d12	24.392	264	143588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	12.964	172	150	0.048	ng	-0.10
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	11571	37.809	ng	95
3) Pyridine	3.704	79	30525	37.113	ng	93
4) n-Nitrosodimethylamine	3.616	42	27796	46.618	ng	# 96
6) Aniline	7.141	93	42563	32.453	ng	98
8) 2-Chlorophenol	7.382	128	44652	46.998	ng	96
9) Benzaldehyde	6.959	77	32269	34.962	ng	95
10) Phenol	7.024	94	49755	45.362	ng	94
11) bis(2-Chloroethyl)ether	7.241	93	31596	42.536	ng	94
12) 1,3-Dichlorobenzene	7.705	146	47995m	46.179	ng	
13) 1,4-Dichlorobenzene	7.852	146	51296	49.177	ng	96
14) 1,2-Dichlorobenzene	8.170	146	49834	48.475	ng	98
15) Benzyl Alcohol	8.058	79	43221	45.138	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.340	45	47970	40.064	ng	94
17) 2-Methylphenol	8.270	107	38151	48.035	ng	97
18) Hexachloroethane	8.892	117	18436	44.777	ng	95
19) n-Nitroso-di-n-propyla...	8.622	70	30868	44.391	ng	# 96
20) 3+4-Methylphenols	8.593	107	52198	47.096	ng	98
22) Acetophenone	8.634	105	68061	47.491	ng	95
24) Nitrobenzene	9.010	77	49433	45.032	ng	94
25) Isophorone	9.539	82	87414	43.834	ng	96
26) 2-Nitrophenol	9.721	139	24757	45.314	ng	93
27) 2,4-Dimethylphenol	9.785	122	44884	53.788	ng	96
28) bis(2-Chloroethoxy)met...	10.020	93	45930	45.184	ng	96
29) 2,4-Dichlorophenol	10.261	162	47566	49.293	ng	99
30) 1,2,4-Trichlorobenzene	10.473	180	52244	49.655	ng	95
31) Naphthalene	10.655	128	143514	47.085	ng	98
32) Benzoic acid	9.950	122	29800	46.514	ng	92
33) 4-Chloroaniline	10.767	127	29682	25.378	ng	93
34) Hexachlorobutadiene	10.943	225	43134	47.870	ng	97
35) Caprolactam	11.542	113	12835m	38.853	ng	
36) 4-Chloro-3-methylphenol	11.901	107	55099	46.954	ng	# 89
37) 2-Methylnaphthalene	12.265	142	97897	41.842	ng	95
38) 1-Methylnaphthalene	12.482	142	103721	44.459	ng	96
40) 1,2,4,5-Tetrachloroben...	12.635	216	69017	46.862	ng	# 96
41) Hexachlorocyclopentadiene	12.617	237	111887	145.234	ng	93
43) 2,4,6-Trichlorophenol	12.876	196	47302m	50.242	ng	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.952	196	49647	47.234	ng	97
46) 1,1'-Biphenyl	13.281	154	154319	47.039	ng	97
47) 2-Chloronaphthalene	13.322	162	114191	46.620	ng	98
48) 2-Nitroaniline	13.528	65	39304	47.016	ng	91
49) Acenaphthylene	14.168	152	195393	53.738	ng	97
50) Dimethylphthalate	13.910	163	159248	44.577	ng	98
51) 2,6-Dinitrotoluene	14.022	165	35005	47.038	ng	93
52) Acenaphthene	14.509	154	112958	44.716	ng	92
53) 3-Nitroaniline	14.356	138	20817	30.332	ng	99
54) 2,4-Dinitrophenol	14.562	184	48194	89.312	ng	90
55) Dibenzofuran	14.844	168	192858	46.238	ng	99
56) 4-Nitrophenol	14.680	139	52818	97.748	ng	90
57) 2,4-Dinitrotoluene	14.815	165	56097	49.311	ng	97
58) Fluorene	15.496	166	163745	47.222	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.073	232	54492	50.799	ng	# 97
60) Diethylphthalate	15.273	149	171215	44.676	ng	97
61) 4-Chlorophenyl-phenyle...	15.490	204	86233	45.551	ng	97
62) 4-Nitroaniline	15.520	138	34565	48.321	ng	# 85
63) Azobenzene	15.778	77	135647	45.703	ng	96
65) 4,6-Dinitro-2-methylph...	15.579	198	39094	47.813	ng	91
66) n-Nitrosodiphenylamine	15.702	169	142918	45.575	ng	97
67) 4-Bromophenyl-phenylether	16.384	248	61185	44.276	ng	98
68) Hexachlorobenzene	16.495	284	71857	45.442	ng	98
69) Atrazine	16.654	200	68421	49.041	ng	99
70) Pentachlorophenol	16.848	266	96366	104.229	ng	96
71) Phenanthrene	17.230	178	275964	44.937	ng	98
72) Anthracene	17.324	178	285392	46.324	ng	98
73) Carbazole	17.594	167	252215	47.362	ng	99
74) Di-n-butylphthalate	18.152	149	306154	47.095	ng	100
75) Fluoranthene	19.239	202	357967	48.792	ng	100
77) Benzidine	19.427	184	172584	52.313	ng	97
78) Pyrene	19.603	202	366897	42.643	ng	98
80) Butylbenzylphthalate	20.496	149	141607	46.428	ng	97
81) Benzo(a)anthracene	21.395	228	383433	45.295	ng	97
82) 3,3'-Dichlorobenzidine	21.319	252	81032	28.282	ng	95
83) Chrysene	21.460	228	357469	44.527	ng	97
84) Bis(2-ethylhexyl)phtha...	21.319	149	201258	46.767	ng	96
85) Di-n-octyl phthalate	22.441	149	337286	46.634	ng	100
87) Indeno(1,2,3-cd)pyrene	27.764	276	469228	46.948	ng	# 94
88) Benzo(b)fluoranthene	23.458	252	381847	46.745	ng	97
89) Benzo(k)fluoranthene	23.522	252	385380	46.842	ng	99
90) Benzo(a)pyrene	24.257	252	366945	48.740	ng	100
91) Dibenzo(a,h)anthracene	27.805	278	377441	47.222	ng	# 98
92) Benzo(g,h,i)perylene	28.804	276	372490	47.956	ng	96

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

