

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064454.D
 Acq On : 25 Sep 2025 22:11
 Operator : RC/JU
 Sample : PB169726BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB169726BS

Manual Integrations

APPROVED

 Reviewed By :Rahul
 Chavli

Quant Time: Sep 29 19:49:57 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 18:04:12 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	17125	20.000	ng	0.00
21) Naphthalene-d8	10.626	136	71137	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	55170	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	143946	20.000	ng	# 0.00
76) Chrysene-d12	21.437	240	150470	20.000	ng	0.00
86) Perylene-d12	24.428	264	155541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.427	112	115136	128.479	ng	0.00
7) Phenol-d6	7.013	99	157384	128.192	ng	0.00
23) Nitrobenzene-d5	8.993	82	112290	85.547	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	126545	131.389	ng	0.00
45) 2-Fluorobiphenyl	13.088	172	311635	83.410	ng	0.00
79) Terphenyl-d14	19.827	244	673425	88.225	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	12116	32.219	ng	98
3) Pyridine	3.723	79	30666	30.248	ng	98
4) n-Nitrosodimethylamine	3.640	42	32451	41.903	ng	98
6) Aniline	7.166	93	53063	33.377	ng	99
8) 2-Chlorophenol	7.407	128	49875	44.485	ng	92
9) Benzaldehyde	6.978	77	10888	10.419	ng	98
10) Phenol	7.042	94	58517	44.021	ng	98
11) bis(2-Chloroethyl)ether	7.266	93	36965	41.414	ng	89
12) 1,3-Dichlorobenzene	7.730	146	54371	43.264	ng	99
13) 1,4-Dichlorobenzene	7.871	146	53578	41.735	ng	89
14) 1,2-Dichlorobenzene	8.188	146	52694	43.314	ng	100
15) Benzyl Alcohol	8.076	79	52229	45.149	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.364	45	61837	39.732	ng	93
17) 2-Methylphenol	8.282	107	42750	44.517	ng	98
18) Hexachloroethane	8.917	117	20042	41.380	ng	91
19) n-Nitroso-di-n-propyla...	8.640	70	35660	42.972	ng	# 93
20) 3+4-Methylphenols	8.611	107	59909	44.379	ng	98
22) Acetophenone	8.658	105	76708	45.041	ng	# 96
24) Nitrobenzene	9.034	77	58362	45.550	ng	96
25) Isophorone	9.557	82	103662	42.681	ng	97
26) 2-Nitrophenol	9.739	139	28495	45.180	ng	96
27) 2,4-Dimethylphenol	9.804	122	54356	53.435	ng	94
28) bis(2-Chloroethoxy)met...	10.039	93	53853	42.920	ng	95
29) 2,4-Dichlorophenol	10.280	162	56255	48.050	ng	96
30) 1,2,4-Trichlorobenzene	10.491	180	56819	45.373	ng	91
31) Naphthalene	10.673	128	160646	43.257	ng	95
32) Benzoic acid	9.962	122	36717m	46.591	ng	
33) 4-Chloroaniline	10.785	127	41901	30.843	ng	95
34) Hexachlorobutadiene	10.967	225	46976	44.040	ng	97
35) Caprolactam	11.555	113	19210m	49.729	ng	
36) 4-Chloro-3-methylphenol	11.913	107	66234	47.730	ng	92
37) 2-Methylnaphthalene	12.283	142	115543	41.202	ng	99
38) 1-Methylnaphthalene	12.507	142	115708	41.993	ng	95
40) 1,2,4,5-Tetrachloroben...	12.659	216	78083	44.409	ng	99
41) Hexachlorocyclopentadiene	12.642	237	102432	109.694	ng	99
43) 2,4,6-Trichlorophenol	12.900	196	52787	46.026	ng	94

10/03/2025

 Supervised By :Jagrut
 Padhyay

10/03/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.971	196	58478	46.744	ng	93	10/03/2025
46) 1,1'-Biphenyl	13.300	154	174578	44.483	ng	97	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	13.341	162	131708	44.155	ng	94	
48) 2-Nitroaniline	13.541	65	48521	47.330	ng	92	
49) Acenaphthylene	14.187	152	219931	49.665	ng	99	
50) Dimethylphthalate	13.928	163	195427	46.368	ng	100	
51) 2,6-Dinitrotoluene	14.040	165	42005	47.449	ng	# 81	10/03/2025
52) Acenaphthene	14.534	154	133618	44.092	ng	97	
53) 3-Nitroaniline	14.369	138	30054	35.827	ng	96	
54) 2,4-Dinitrophenol	14.581	184	62884	106.959	ng	94	
55) Dibenzofuran	14.863	168	229482	45.672	ng	98	
56) 4-Nitrophenol	14.692	139	67861	99.943	ng	94	
57) 2,4-Dinitrotoluene	14.833	165	64485	47.715	ng	# 97	
58) Fluorene	15.515	166	192929	46.513	ng	100	
59) 2,3,4,6-Tetrachlorophenol	15.092	232	63631	50.991	ng	98	
60) Diethylphthalate	15.292	149	208606	45.935	ng	98	
61) 4-Chlorophenyl-phenyle...	15.509	204	100651	44.437	ng	98	
62) 4-Nitroaniline	15.532	138	42570	47.328	ng	96	
63) Azobenzene	15.803	77	169582	47.721	ng	96	
65) 4,6-Dinitro-2-methylph...	15.591	198	46270	46.925	ng	94	
66) n-Nitrosodiphenylamine	15.726	169	171972	44.771	ng	98	
67) 4-Bromophenyl-phenylether	16.402	248	72788	43.156	ng	95	
68) Hexachlorobenzene	16.519	284	83033	43.259	ng	97	
69) Atrazine	16.672	200	75505	43.266	ng	98	
70) Pentachlorophenol	16.860	266	112942	97.500	ng	97	
71) Phenanthrene	17.248	178	331077	44.250	ng	98	
72) Anthracene	17.342	178	330342	43.358	ng	99	
73) Carbazole	17.606	167	302069	45.193	ng	97	
74) Di-n-butylphthalate	18.176	149	361524	44.218	ng	99	
75) Fluoranthene	19.257	202	419365	44.386	ng	99	
77) Benzidine	19.440	184	101301	25.713	ng	100	
78) Pyrene	19.622	202	424538	45.471	ng	99	
80) Butylbenzylphthalate	20.515	149	157753	45.205	ng	98	
81) Benzo(a)anthracene	21.414	228	437515	45.412	ng	96	
82) 3,3'-Dichlorobenzidine	21.337	252	116566	35.181	ng	99	
83) Chrysene	21.478	228	419660	45.994	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.337	149	229798	45.713	ng	100	
85) Di-n-octyl phthalate	22.471	149	387916	45.395	ng	100	
87) Indeno(1,2,3-cd)pyrene	27.812	276	538241	48.962	ng	# 94	
88) Benzo(b)fluoranthene	23.488	252	432847	48.544	ng	98	
89) Benzo(k)fluoranthene	23.552	252	435577	48.827	ng	98	
90) Benzo(a)pyrene	24.293	252	416953	50.480	ng	99	
91) Dibenzo(a,h)anthracene	27.865	278	449720	50.463	ng	98	
92) Benzo(g,h,i)perylene	28.870	276	437110	51.071	ng	98	

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

