

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064718.D
 Acq On : 7 Nov 2025 16:13
 Operator : RC/JU
 Sample : PB170446BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170446BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 17:40:32 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	8.202	152	35988	20.000	ng	-0.02
21) Naphthalene-d8	11.029	136	145823	20.000	ng	#-0.02
39) Acenaphthene-d10	14.830	164	117246	20.000	ng	-0.01
64) Phenanthrene-d10	17.562	188	320223	20.000	ng	#-0.02
76) Chrysene-d12	21.834	240	354211	20.000	ng	#-0.03
86) Perylene-d12	25.159	264	356180	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.735	112	197902	92.302	ng	-0.01
7) Phenol-d6	7.345	99	276118	93.851	ng	0.00
23) Nitrobenzene-d5	9.372	82	259463	106.869	ng	-0.01
42) 2,4,6-Tribromophenol	16.305	330	212794	125.749	ng	-0.01
45) 2-Fluorobiphenyl	13.455	172	733449	94.820	ng	-0.02
79) Terphenyl-d14	20.153	244	1771527	94.383	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	26445	27.859	ng	100
3) Pyridine	3.972	79	71568	25.107	ng	99
4) n-Nitrosodimethylamine	3.878	42	55853	36.537	ng	99
6) Aniline	7.515	93	82230	20.540	ng	98
8) 2-Chlorophenol	7.762	128	110221	49.114	ng	97
9) Benzaldehyde	7.374	77	2033	1.266	ng	# 4
10) Phenol	7.374	94	145919	44.847	ng	96
11) bis(2-Chloroethyl)ether	7.609	93	94835	39.643	ng	94
12) 1,3-Dichlorobenzene	8.091	146	115838	44.847	ng	98
13) 1,4-Dichlorobenzene	8.238	146	120106	45.731	ng	92
14) 1,2-Dichlorobenzene	8.561	146	115799	45.712	ng	97
15) Benzyl Alcohol	8.437	79	109955	45.321	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.731	45	231017	36.816	ng	98
17) 2-Methylphenol	8.637	107	103110	47.730	ng	96
18) Hexachloroethane	9.301	117	42651	46.276	ng	89
19) n-Nitroso-di-n-propyla...	9.007	70	86264	42.426	ng	96
20) 3+4-Methylphenols	8.966	107	137137	45.140	ng	97
22) Acetophenone	9.025	105	174645	43.812	ng	# 96
24) Nitrobenzene	9.413	77	133366	50.505	ng	95
25) Isophorone	9.942	82	247010	42.400	ng	99
26) 2-Nitrophenol	10.124	139	62689	60.646	ng	# 91
27) 2,4-Dimethylphenol	10.182	122	113852	52.539	ng	96
28) bis(2-Chloroethoxy)met...	10.418	93	138337	41.706	ng	99
29) 2,4-Dichlorophenol	10.670	162	126341	54.174	ng	95
30) 1,2,4-Trichlorobenzene	10.888	180	141919	53.559	ng	99
31) Naphthalene	11.081	128	365996	45.269	ng	99
32) Benzoic acid	10.312	122	79365m	48.002	ng	
33) 4-Chloroaniline	11.175	127	84449	26.874	ng	99
34) Hexachlorobutadiene	11.369	225	111786	53.944	ng	96
35) Caprolactam	11.951	113	36652m	40.976	ng	
36) 4-Chloro-3-methylphenol	12.286	107	138162	49.286	ng	96
37) 2-Methylnaphthalene	12.674	142	266930	44.969	ng	98
38) 1-Methylnaphthalene	12.891	142	254086m	43.239	ng	
40) 1,2,4,5-Tetrachloroben...	13.038	216	203107	51.617	ng	99
41) Hexachlorocyclopentadiene	13.020	237	227216	128.291	ng	98
43) 2,4,6-Trichlorophenol	13.267	196	126996	56.423	ng	97

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44) 2,4,5-Trichlorophenol	13.343	196	143966	55.427	ng	95
46) 1,1'-Biphenyl	13.667	154	385282	46.222	ng	96
47) 2-Chloronaphthalene	13.714	162	299284	47.567	ng	98
48) 2-Nitroaniline	13.902	65	108644	51.205	ng	98
49) Acenaphthylene	14.554	152	486504	49.022	ng	99
50) Dimethylphthalate	14.278	163	421832	47.018	ng	99
51) 2,6-Dinitrotoluene	14.389	165	88904	59.255	ng	94
52) Acenaphthene	14.895	154	355759	52.469	ng	100
53) 3-Nitroaniline	14.718	138	68743	44.585	ng	99
54) 2,4-Dinitrophenol	14.924	184	100548	108.553	ng	# 33
55) Dibenzofuran	15.224	168	520699	47.501	ng	100
56) 4-Nitrophenol	15.018	139	143402	100.317	ng	92
57) 2,4-Dinitrotoluene	15.171	165	130544	56.461	ng	96
58) Fluorene	15.870	166	405398	47.355	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.441	232	153197	61.680	ng	97
60) Diethylphthalate	15.629	149	419578	45.803	ng	100
61) 4-Chlorophenyl-phenyle...	15.858	204	246924	51.397	ng	98
62) 4-Nitroaniline	15.876	138	88663	51.689	ng	95
63) Azobenzene	16.152	77	353338	42.039	ng	96
65) 4,6-Dinitro-2-methylph...	15.935	198	79941	55.745	ng	97
66) n-Nitrosodiphenylamine	16.070	169	378263	43.730	ng	98
67) 4-Bromophenyl-phenylether	16.751	248	186989	49.276	ng	95
68) Hexachlorobenzene	16.875	284	218758	50.531	ng	94
69) Atrazine	17.004	200	108790	29.225	ng	99
70) Pentachlorophenol	17.210	266	217428	80.540	ng	94
71) Phenanthrene	17.609	178	757287	43.245	ng	99
72) Anthracene	17.697	178	742963	41.708	ng	99
73) Carbazole	17.956	167	644075	41.002	ng	99
74) Di-n-butylphthalate	18.514	149	732775	40.341	ng	99
75) Fluoranthene	19.601	202	958451	43.690	ng	97
77) Benzidine	19.765	184	70842	8.927	ng	95
78) Pyrene	19.959	202	990260	42.790	ng	99
80) Butylbenzylphthalate	20.835	149	334761	47.861	ng	91
81) Benzo(a)anthracene	21.816	228	1120923	47.727	ng	100
82) 3,3'-Dichlorobenzidine	21.722	252	353006	45.010	ng	98
83) Chrysene	21.881	228	1054272	47.176	ng	99
84) Bis(2-ethylhexyl)phtha...	21.716	149	495941	47.452	ng	# 96
85) Di-n-octyl phthalate	22.968	149	865838	49.137	ng	95
87) Indeno(1,2,3-cd)pyrene	28.978	276	1379002	52.630	ng	# 96
88) Benzo(b)fluoranthene	24.107	252	1200201	54.952	ng	# 98
89) Benzo(k)fluoranthene	24.178	252	1158776m	53.019	ng	
90) Benzo(a)pyrene	25.006	252	1003625	49.990	ng	# 97
91) Dibenzo(a,h)anthracene	29.060	278	1173489	55.127	ng	# 96
92) Benzo(g,h,i)perylene	30.177	276	1126075	55.376	ng	# 96

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

