

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064796.D
 Acq On : 17 Nov 2025 22:50
 Operator : RC/JU
 Sample : Q3649-08MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025

Quant Time: Nov 18 00:24:54 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	8.165	152	35648	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	137981	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	109267	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	264688	20.000	ng	0.00
76) Chrysene-d12	21.755	240	332562	20.000	ng	0.00
86) Perylene-d12	25.010	264	341639	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	226596	110.998	ng	0.00
7) Phenol-d6	7.307	99	313192	115.347	ng	0.00
23) Nitrobenzene-d5	9.322	82	202570	72.587	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	236442	110.951	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	562446	71.824	ng	0.00
79) Terphenyl-d14	20.092	244	1278535	75.625	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.529	88	32691	41.364	ng	94
3) Pyridine	3.934	79	91631	38.913	ng	96
4) n-Nitrosodimethylamine	3.846	42	53511	44.648	ng	# 77
6) Aniline	7.477	93	82153	22.700	ng	98
8) 2-Chlorophenol	7.724	128	112298	50.098	ng	94
9) Benzaldehyde	7.289	77	57685	32.455	ng	98
10) Phenol	7.336	94	150380	50.903	ng	97
11) bis(2-Chloroethyl)ether	7.571	93	98633	46.918	ng	96
12) 1,3-Dichlorobenzene	8.053	146	122625	47.541	ng	97
13) 1,4-Dichlorobenzene	8.200	146	125713	47.865	ng	97
14) 1,2-Dichlorobenzene	8.523	146	121100	47.553	ng	96
15) Benzyl Alcohol	8.394	79	108598	48.727	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.693	45	219395	44.092	ng	98
17) 2-Methylphenol	8.599	107	102724	49.143	ng	97
18) Hexachloroethane	9.263	117	45576	45.816	ng	95
19) n-Nitroso-di-n-propyla...	8.964	70	85608	46.631	ng	89
20) 3+4-Methylphenols	8.922	107	140181	48.952	ng	95
22) Acetophenone	8.987	105	179131	47.651	ng	# 99
24) Nitrobenzene	9.369	77	130982	46.451	ng	97
25) Isophorone	9.892	82	245569	46.208	ng	97
26) 2-Nitrophenol	10.086	139	64778	51.074	ng	95
27) 2,4-Dimethylphenol	10.139	122	112198	49.794	ng	92
28) bis(2-Chloroethoxy)met...	10.374	93	142319	48.780	ng	99
29) 2,4-Dichlorophenol	10.621	162	125634	51.933	ng	98
30) 1,2,4-Trichlorobenzene	10.844	180	142774	48.876	ng	96
31) Naphthalene	11.032	128	362873	46.392	ng	100
32) Benzoic acid	10.268	122	77206	48.481	ng	99
33) 4-Chloroaniline	11.126	127	36291	11.598	ng	96
34) Hexachlorobutadiene	11.320	225	112947	45.064	ng	97
35) Caprolactam	11.890	113	35144m	48.571	ng	
36) 4-Chloro-3-methylphenol	12.236	107	135942	50.487	ng	97
37) 2-Methylnaphthalene	12.624	142	245144	41.881	ng	98
38) 1-Methylnaphthalene	12.841	142	255126	43.878	ng	98
40) 1,2,4,5-Tetrachloroben...	12.988	216	201397	47.361	ng	98
41) Hexachlorocyclopentadiene	12.971	237	274888	90.187	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	125622	50.334	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	139123	49.701	ng	98
46) 1,1'-Biphenyl	13.617	154	385008	49.059	ng	98
47) 2-Chloronaphthalene	13.658	162	289859	46.881	ng	99
48) 2-Nitroaniline	13.846	65	100497	50.536	ng	94
49) Acenaphthylene	14.498	152	510337	48.315	ng	98
50) Dimethylphthalate	14.222	163	407935	47.262	ng	99
51) 2,6-Dinitrotoluene	14.334	165	86706	52.205	ng	97
52) Acenaphthene	14.839	154	345121	54.493	ng	99
53) 3-Nitroaniline	14.657	138	34388	20.978	ng	85
54) 2,4-Dinitrophenol	14.868	184	114155	98.155	ng	98
55) Dibenzofuran	15.168	168	500377	47.790	ng	97
56) 4-Nitrophenol	14.962	139	138584	106.554	ng	94
57) 2,4-Dinitrotoluene	15.115	165	127005	51.006	ng	98
58) Fluorene	15.814	166	383525	46.703	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.391	232	145481	52.676	ng	97
60) Diethylphthalate	15.573	149	390741	47.257	ng	100
61) 4-Chlorophenyl-phenyle...	15.803	204	229901	46.649	ng	96
62) 4-Nitroaniline	15.820	138	80718	47.531	ng	92
63) Azobenzene	16.091	77	358106	52.070	ng	98
65) 4,6-Dinitro-2-methylph...	15.879	198	82924	56.426	ng	92
66) n-Nitrosodiphenylamine	16.008	169	348645	50.287	ng	98
67) 4-Bromophenyl-phenylether	16.690	248	172054	49.498	ng	98
68) Hexachlorobenzene	16.813	284	199440	47.358	ng	99
69) Atrazine	16.948	200	163466	48.903	ng	95
70) Pentachlorophenol	17.154	266	254852	100.554	ng	95
71) Phenanthrene	17.548	178	697992	48.197	ng	99
72) Anthracene	17.636	178	713624	48.326	ng	99
73) Carbazole	17.894	167	623792	49.139	ng	99
74) Di-n-butylphthalate	18.447	149	694307	49.024	ng	99
75) Fluoranthene	19.539	202	923210	46.619	ng	100
77) Benzidine	19.704	184	388676	39.025	ng	99
78) Pyrene	19.898	202	949087	50.920	ng	99
80) Butylbenzylphthalate	20.767	149	331588	50.578	ng	96
81) Benzo(a)anthracene	21.737	228	1077790	47.662	ng	99
82) 3,3'-Dichlorobenzidine	21.643	252	165088	19.835	ng	98
83) Chrysene	21.802	228	1014594	47.591	ng	99
84) Bis(2-ethylhexyl)phtha...	21.631	149	480785	50.187	ng	99
85) Di-n-octyl phthalate	22.859	149	796666	48.109	ng	99
87) Indeno(1,2,3-cd)pyrene	28.752	276	1220785	52.011	ng	# 95
88) Benzo(b)fluoranthene	23.975	252	1046098	48.116	ng	99
89) Benzo(k)fluoranthene	24.046	252	1077935	49.350	ng	100
90) Benzo(a)pyrene	24.863	252	1000023	49.585	ng	99
91) Dibenzo(a,h)anthracene	28.805	278	1002563	52.139	ng	96
92) Benzo(g,h,i)perylene	29.916	276	974197	52.643	ng	98

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

Manual Integrations

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