

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064683.D
 Acq On : 3 Nov 2025 22:05
 Operator : RC/JU
 Sample : Q3399-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFFMS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 04 00:47:31 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	8.205	152	30518	20.000	ng	-0.02
21) Naphthalene-d8	11.031	136	124719	20.000	ng	-0.02
39) Acenaphthene-d10	14.833	164	97711	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	238341	20.000	ng	-0.01
76) Chrysene-d12	21.842	240	278646	20.000	ng	#-0.02
86) Perylene-d12	25.174	264	306904	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	161318	88.725	ng	0.00
7) Phenol-d6	7.347	99	227772	91.294	ng	0.00
23) Nitrobenzene-d5	9.369	82	142697	68.721	ng	-0.02
42) 2,4,6-Tribromophenol	16.313	330	168077	119.181	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	383758	59.531	ng	-0.02
79) Terphenyl-d14	20.156	244	884480	59.903	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.569	88	25593	31.794	ng	97
3) Pyridine	3.987	79	73171	30.270	ng	98
4) n-Nitrosodimethylamine	3.893	42	50075	38.629	ng	86
6) Aniline	7.518	93	96754	28.500	ng	98
8) 2-Chlorophenol	7.770	128	97222	51.087	ng	95
9) Benzaldehyde	7.330	77	41376	30.377	ng	94
10) Phenol	7.377	94	127181	46.094	ng	95
11) bis(2-Chloroethyl)ether	7.612	93	84758	41.782	ng	97
12) 1,3-Dichlorobenzene	8.099	146	101499	46.339	ng	96
13) 1,4-Dichlorobenzene	8.246	146	104608	46.969	ng	96
14) 1,2-Dichlorobenzene	8.564	146	103345	48.108	ng	99
15) Benzyl Alcohol	8.440	79	96620	46.963	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.728	45	228727	42.984	ng	99
17) 2-Methylphenol	8.646	107	91462	49.927	ng	98
18) Hexachloroethane	9.310	117	38511	49.274	ng	98
19) n-Nitroso-di-n-propyla...	9.016	70	78604	45.588	ng	99
20) 3+4-Methylphenols	8.969	107	123311	47.864	ng	97
22) Acetophenone	9.034	105	172750	50.670	ng	# 97
24) Nitrobenzene	9.416	77	114675	50.775	ng	96
25) Isophorone	9.944	82	220732	44.300	ng	98
26) 2-Nitrophenol	10.132	139	53095	60.086	ng	# 84
27) 2,4-Dimethylphenol	10.185	122	93864	50.644	ng	93
28) bis(2-Chloroethoxy)met...	10.420	93	124132	43.756	ng	96
29) 2,4-Dichlorophenol	10.673	162	106655	53.471	ng	95
30) 1,2,4-Trichlorobenzene	10.896	180	119732	52.832	ng	99
31) Naphthalene	11.084	128	322262	46.604	ng	98
32) Benzoic acid	10.309	122	78271m	54.276	ng	
33) 4-Chloroaniline	11.178	127	63504	23.628	ng	94
34) Hexachlorobutadiene	11.372	225	90752	51.204	ng	98
35) Caprolactam	11.954	113	31840m	41.620	ng	
36) 4-Chloro-3-methylphenol	12.289	107	122135	50.941	ng	100
37) 2-Methylnaphthalene	12.676	142	216894	42.723	ng	99
38) 1-Methylnaphthalene	12.894	142	226918	45.150	ng	94
40) 1,2,4,5-Tetrachloroben...	13.041	216	180666	55.094	ng	99
41) Hexachlorocyclopentadiene	13.029	237	218454	148.003	ng	96
43) 2,4,6-Trichlorophenol	13.270	196	102706	54.754	ng	97

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44) 2,4,5-Trichlorophenol	13.340	196	114818	53.043	ng	97
46) 1,1'-Biphenyl	13.669	154	365511	52.617	ng	95
47) 2-Chloronaphthalene	13.716	162	247117	47.128	ng	99
48) 2-Nitroaniline	13.904	65	92902	52.456	ng	93
49) Acenaphthylene	14.557	152	447526	54.110	ng	99
50) Dimethylphthalate	14.280	163	350578	46.888	ng	99
51) 2,6-Dinitrotoluene	14.392	165	72025	57.691	ng	94
52) Acenaphthene	14.897	154	296446	52.462	ng	99
53) 3-Nitroaniline	14.721	138	54127	42.124	ng	99
54) 2,4-Dinitrophenol	14.927	184	86735	112.166	ng	# 36
55) Dibenzofuran	15.226	168	436524	47.784	ng	98
56) 4-Nitrophenol	15.021	139	111684	93.749	ng	92
57) 2,4-Dinitrotoluene	15.173	165	107377	55.766	ng	# 98
58) Fluorene	15.873	166	346869	48.619	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.450	232	113483	54.825	ng	99
60) Diethylphthalate	15.632	149	351361	46.024	ng	98
61) 4-Chlorophenyl-phenyle...	15.861	204	200445	50.064	ng	99
62) 4-Nitroaniline	15.879	138	77086	53.925	ng	88
63) Azobenzene	16.155	77	346233	49.429	ng	97
65) 4,6-Dinitro-2-methylph...	15.937	198	66094	61.322	ng	95
66) n-Nitrosodiphenylamine	16.072	169	320976	49.855	ng	99
67) 4-Bromophenyl-phenylether	16.754	248	147280	52.145	ng	99
68) Hexachlorobenzene	16.877	284	174527	54.164	ng	98
69) Atrazine	17.012	200	146558	52.897	ng	97
70) Pentachlorophenol	17.218	266	138736	69.046	ng	94
71) Phenanthrene	17.612	178	626478	48.065	ng	99
72) Anthracene	17.706	178	637519	48.084	ng	99
73) Carbazole	17.964	167	559713	47.873	ng	99
74) Di-n-butylphthalate	18.517	149	640771	47.395	ng	99
75) Fluoranthene	19.609	202	800886	49.049	ng	97
77) Benzidine	19.774	184	233853	37.459	ng	99
78) Pyrene	19.968	202	824584	45.294	ng	99
80) Butylbenzylphthalate	20.837	149	283110	51.453	ng	97
81) Benzo(a)anthracene	21.825	228	895006	48.442	ng	99
82) 3,3'-Dichlorobenzidine	21.725	252	223522	36.229	ng	98
83) Chrysene	21.889	228	840571	47.814	ng	98
84) Bis(2-ethylhexyl)phtha...	21.725	149	403941	49.131	ng	98
85) Di-n-octyl phthalate	22.982	149	701716	50.622	ng	97
87) Indeno(1,2,3-cd)pyrene	29.010	276	1117590	49.501	ng	# 96
88) Benzo(b)fluoranthene	24.116	252	917327	48.744	ng	99
89) Benzo(k)fluoranthene	24.186	252	938287	49.823	ng	98
90) Benzo(a)pyrene	25.021	252	886118	51.224	ng	99
91) Dibenzo(a,h)anthracene	29.075	278	913373	49.797	ng	99
92) Benzo(g,h,i)perylene	30.197	276	889972	50.793	ng	# 96

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

