

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064684.D
 Acq On : 3 Nov 2025 22:46
 Operator : RC/JU
 Sample : Q3399-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFFMSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 00:48:24 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	8.206	152	29939	20.000	ng	-0.02
21) Naphthalene-d8	11.032	136	118752	20.000	ng	-0.02
39) Acenaphthene-d10	14.834	164	97631	20.000	ng	-0.01
64) Phenanthrene-d10	17.572	188	238127	20.000	ng	#-0.01
76) Chrysene-d12	21.843	240	275359	20.000	ng	#-0.02
86) Perylene-d12	25.180	264	303393	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	162495	91.101	ng	0.00
7) Phenol-d6	7.348	99	242031	98.886	ng	0.00
23) Nitrobenzene-d5	9.375	82	146476	74.085	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	171104	121.427	ng	0.00
45) 2-Fluorobiphenyl	13.459	172	386387	59.988	ng	-0.02
79) Terphenyl-d14	20.157	244	884487	60.618	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.576	88	26347	33.364	ng	98
3) Pyridine	3.987	79	74639	31.474	ng	95
4) n-Nitrosodimethylamine	3.893	42	51702	40.655	ng	97
6) Aniline	7.519	93	105815	31.771	ng	99
8) 2-Chlorophenol	7.765	128	100448	53.803	ng	94
9) Benzaldehyde	7.331	77	43143	32.287	ng	92
10) Phenol	7.378	94	135096	49.910	ng	97
11) bis(2-Chloroethyl)ether	7.613	93	85702	43.064	ng	98
12) 1,3-Dichlorobenzene	8.100	146	102870	47.873	ng	95
13) 1,4-Dichlorobenzene	8.241	146	108729	49.763	ng	96
14) 1,2-Dichlorobenzene	8.564	146	105114	49.878	ng	98
15) Benzyl Alcohol	8.441	79	99746	49.420	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.735	45	220307	42.202	ng	98
17) 2-Methylphenol	8.641	107	90396	50.299	ng	94
18) Hexachloroethane	9.305	117	38564	50.296	ng	92
19) n-Nitroso-di-n-propyla...	9.011	70	76973	45.505	ng	99
20) 3+4-Methylphenols	8.970	107	125725	49.745	ng	98
22) Acetophenone	9.034	105	172932	53.272	ng	# 96
24) Nitrobenzene	9.416	77	115831	53.864	ng	95
25) Isophorone	9.945	82	218689	46.096	ng	99
26) 2-Nitrophenol	10.133	139	54190	64.182	ng	# 90
27) 2,4-Dimethylphenol	10.186	122	95345	54.028	ng	97
28) bis(2-Chloroethoxy)met...	10.421	93	126872	46.969	ng	100
29) 2,4-Dichlorophenol	10.674	162	105460	55.529	ng	95
30) 1,2,4-Trichlorobenzene	10.897	180	120331	55.764	ng	95
31) Naphthalene	11.085	128	322463	48.977	ng	99
32) Benzoic acid	10.309	122	74800m	54.449	ng	
33) 4-Chloroaniline	11.179	127	64055	25.031	ng	95
34) Hexachlorobutadiene	11.373	225	92994	55.106	ng	99
35) Caprolactam	11.955	113	33266m	45.669	ng	
36) 4-Chloro-3-methylphenol	12.289	107	124062	54.345	ng	96
37) 2-Methylnaphthalene	12.677	142	220918	45.702	ng	99
38) 1-Methylnaphthalene	12.895	142	232934	48.676	ng	93
40) 1,2,4,5-Tetrachloroben...	13.042	216	184783	56.395	ng	99
41) Hexachlorocyclopentadiene	13.024	237	222759	151.043	ng	97
43) 2,4,6-Trichlorophenol	13.271	196	107743	57.487	ng	95

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44) 2,4,5-Trichlorophenol	13.341	196	118709	54.886	ng	96
46) 1,1'-Biphenyl	13.670	154	372154	53.618	ng	96
47) 2-Chloronaphthalene	13.717	162	259250	49.483	ng	98
48) 2-Nitroaniline	13.905	65	93538	52.834	ng	96
49) Acenaphthylene	14.557	152	454638	55.015	ng	98
50) Dimethylphthalate	14.281	163	369114	49.408	ng	99
51) 2,6-Dinitrotoluene	14.393	165	74798	59.836	ng	93
52) Acenaphthene	14.898	154	305203	54.056	ng	99
53) 3-Nitroaniline	14.722	138	55166	42.968	ng	97
54) 2,4-Dinitrophenol	14.928	184	84070	108.975	ng	# 33
55) Dibenzofuran	15.227	168	444612	48.709	ng	96
56) 4-Nitrophenol	15.022	139	112764	94.733	ng	95
57) 2,4-Dinitrotoluene	15.174	165	108809	56.513	ng	# 99
58) Fluorene	15.874	166	351759	49.345	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.445	232	123058	59.500	ng	96
60) Diethylphthalate	15.633	149	360779	47.297	ng	100
61) 4-Chlorophenyl-phenyle...	15.862	204	205542	51.379	ng	98
62) 4-Nitroaniline	15.879	138	78871	55.219	ng	92
63) Azobenzene	16.156	77	346815	49.553	ng	97
65) 4,6-Dinitro-2-methylph...	15.938	198	70044	64.716	ng	97
66) n-Nitrosodiphenylamine	16.073	169	322527	50.141	ng	99
67) 4-Bromophenyl-phenylether	16.755	248	153261	54.311	ng	97
68) Hexachlorobenzene	16.878	284	178294	55.383	ng	96
69) Atrazine	17.013	200	147201	53.177	ng	96
70) Pentachlorophenol	17.219	266	142833	71.149	ng	96
71) Phenanthrene	17.613	178	639960	49.144	ng	99
72) Anthracene	17.701	178	649301	49.016	ng	100
73) Carbazole	17.965	167	574716	49.201	ng	99
74) Di-n-butylphthalate	18.517	149	641418	47.485	ng	99
75) Fluoranthene	19.604	202	803723	49.267	ng	98
77) Benzidine	19.775	184	244042	39.558	ng	98
78) Pyrene	19.969	202	839699	46.674	ng	100
80) Butylbenzylphthalate	20.838	149	290726	53.468	ng	96
81) Benzo(a)anthracene	21.825	228	903611	49.492	ng	99
82) 3,3'-Dichlorobenzidine	21.731	252	224568	36.833	ng	96
83) Chrysene	21.890	228	854597	49.192	ng	98
84) Bis(2-ethylhexyl)phtha...	21.725	149	412267	50.742	ng	99
85) Di-n-octyl phthalate	22.983	149	706328	51.563	ng	97
87) Indeno(1,2,3-cd)pyrene	29.011	276	1121993	50.272	ng	# 96
88) Benzo(b)fluoranthene	24.117	252	936337	50.330	ng	98
89) Benzo(k)fluoranthene	24.193	252	944899	50.755	ng	99
90) Benzo(a)pyrene	25.022	252	883881	51.686	ng	97
91) Dibenzo(a,h)anthracene	29.076	278	922930	50.900	ng	97
92) Benzo(g,h,i)perylene	30.198	276	895587	51.705	ng	98

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

