

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143180.D
 Acq On : 22 Jul 2025 10:26
 Operator : RC/JU
 Sample : Q2635-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Jul 22 11:17:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	122637	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	483164	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	258898	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	420723	20.000	ng	0.00
76) Chrysene-d12	14.133	240	277520	20.000	ng	0.01
86) Perylene-d12	15.633	264	250625	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	656921	84.767	ng	0.00
7) Phenol-d6	6.586	99	860079	88.173	ng	0.00
23) Nitrobenzene-d5	7.522	82	547489	56.483	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	245931	91.952	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	984221	51.991	ng	0.00
79) Terphenyl-d14	13.068	244	824200	44.195	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	130984	35.720	ng	99
3) Pyridine	3.610	79	355037	37.302	ng	99
4) n-Nitrosodimethylamine	3.546	42	205539	41.826	ng	99
6) Aniline	6.628	93	319279	23.486	ng	99
8) 2-Chlorophenol	6.751	128	348702	42.926	ng	98
9) Benzaldehyde	6.510	77	239190	32.701	ng	98
10) Phenol	6.604	94	470154	44.243	ng	100
11) bis(2-Chloroethyl)ether	6.692	93	345925	42.516	ng	99
12) 1,3-Dichlorobenzene	6.904	146	356842	40.438	ng	100
13) 1,4-Dichlorobenzene	6.981	146	362700	40.813	ng	99
14) 1,2-Dichlorobenzene	7.133	146	347469	41.109	ng	99
15) Benzyl Alcohol	7.098	79	331244	44.474	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	624571	41.381	ng	100
17) 2-Methylphenol	7.210	107	297538	43.562	ng	99
18) Hexachloroethane	7.481	117	131497	42.743	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	257035	41.072	ng	98
20) 3+4-Methylphenols	7.363	107	367283	44.321	ng	# 78
22) Acetophenone	7.369	105	473405	41.385	ng	# 98
24) Nitrobenzene	7.539	77	393741	43.571	ng	99
25) Isophorone	7.781	82	722769	42.240	ng	99
26) 2-Nitrophenol	7.857	139	184391	47.015	ng	98
27) 2,4-Dimethylphenol	7.892	122	336155	42.048	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	424559	41.383	ng	100
29) 2,4-Dichlorophenol	8.098	162	295634	43.850	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	300326	41.233	ng	99
31) Naphthalene	8.269	128	1043768	43.865	ng	100
32) Benzoic acid	8.010	122	242290	53.176	ng	97
33) 4-Chloroaniline	8.310	127	115901	11.929	ng	99
34) Hexachlorobutadiene	8.392	225	180230	40.506	ng	100
35) Caprolactam	8.680	113	111637	54.796	ng	100
36) 4-Chloro-3-methylphenol	8.786	107	337664	46.079	ng	99
37) 2-Methylnaphthalene	8.957	142	632605	43.689	ng	100
38) 1-Methylnaphthalene	9.057	142	654760	43.913	ng	99
40) 1,2,4,5-Tetrachloroben...	9.127	216	307216	41.101	ng	98
41) Hexachlorocyclopentadiene	9.116	237	269158	55.342	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	225706	43.631	ng	99

07/23/2025
 Supervised By :Jagru
 padhyay

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.275	196	226021	43.678	ng	98	07/23/2025
46) 1,1'-Biphenyl	9.422	154	845751	41.871	ng	99	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	9.445	162	622529	41.652	ng	99	
48) 2-Nitroaniline	9.533	65	228188	48.685	ng	97	
49) Acenaphthylene	9.863	152	1074389	42.895	ng	100	
50) Dimethylphthalate	9.722	163	739486	43.820	ng	99	
51) 2,6-Dinitrotoluene	9.780	165	162636	47.374	ng	98	07/23/2025
52) Acenaphthene	10.039	154	702409	47.447	ng	98	
53) 3-Nitroaniline	9.945	138	150223	37.411	ng	100	
54) 2,4-Dinitrophenol	10.051	184	161630	101.891	ng	# 1	
55) Dibenzofuran	10.210	168	958909	43.628	ng	100	
56) 4-Nitrophenol	10.104	139	290208	96.784	ng	98	
57) 2,4-Dinitrotoluene	10.180	165	222639	51.692	ng	98	
58) Fluorene	10.551	166	735293	44.574	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.327	232	194167	45.297	ng	99	
60) Diethylphthalate	10.422	149	770106	46.169	ng	99	
61) 4-Chlorophenyl-phenyle...	10.539	204	350275	42.644	ng	98	
62) 4-Nitroaniline	10.563	138	162531	47.227	ng	97	
63) Azobenzene	10.704	77	806940	46.418	ng	95	
65) 4,6-Dinitro-2-methylph...	10.592	198	106177	48.125	ng	98	
66) n-Nitrosodiphenylamine	10.657	169	640269	43.218	ng	99	
67) 4-Bromophenyl-phenylether	11.033	248	215047	42.890	ng	99	
68) Hexachlorobenzene	11.104	284	221260	42.221	ng	99	
69) Atrazine	11.186	200	192717	47.184	ng	98	
70) Pentachlorophenol	11.292	266	273917	88.880	ng	99	
71) Phenanthrene	11.516	178	1252082	56.049	ng	99	
72) Anthracene	11.569	178	1059941	46.522	ng	100	
73) Carbazole	11.716	167	866665	43.563	ng	99	
74) Di-n-butylphthalate	12.045	149	1089699	48.409	ng	100	
75) Fluoranthene	12.704	202	1341747	65.437	ng	99	
77) Benzidine	12.816	184	257059	24.042	ng	99	
78) Pyrene	12.933	202	1405043	59.322	ng	99	
80) Butylbenzylphthalate	13.545	149	372649	51.381	ng	98	
81) Benzo(a)anthracene	14.121	228	1055813	56.825	ng	99	
82) 3,3'-Dichlorobenzidine	14.074	252	136903	22.108	ng	99	
83) Chrysene	14.157	228	926475	55.460	ng	99	
84) Bis(2-ethylhexyl)phtha...	14.104	149	512026	46.643	ng	100	
85) Di-n-octyl phthalate	14.721	149	949372m	47.711	ng		
87) Indeno(1,2,3-cd)pyrene	17.180	276	632228	35.775	ng	99	
88) Benzo(b)fluoranthene	15.192	252	1015390	66.318	ng	99	
89) Benzo(k)fluoranthene	15.221	252	712098	52.120	ng	99	
90) Benzo(a)pyrene	15.574	252	800603	56.754	ng	98	
91) Dibenzo(a,h)anthracene	17.198	278	444650	30.912	ng	99	
92) Benzo(g,h,i)perylene	17.645	276	504925	36.288	ng	99	

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

