

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143734.D
 Acq On : 12 Sep 2025 15:41
 Operator : RC/JU
 Sample : Q3082-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/15/2025
 Supervised By :Jagrut Upadhyay 09/15/2025

Quant Time: Sep 12 16:03:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	29758	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	104877	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	50731	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	79496	20.000	ng	0.01
76) Chrysene-d12	14.068	240	80966	20.000	ng	0.02
86) Perylene-d12	15.545	264	83824	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	163851	93.942	ng	0.02
7) Phenol-d6	6.516	99	199842	94.101	ng	0.01
23) Nitrobenzene-d5	7.457	82	122807	72.835	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	49124	96.085	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	231733	69.003	ng	0.00
79) Terphenyl-d14	13.004	244	230488	46.132	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	36690	47.158	ng	94
3) Pyridine	3.493	79	85913	42.747	ng	97
4) n-Nitrosodimethylamine	3.440	42	38616	50.582	ng	97
6) Aniline	6.557	93	86771	30.849	ng	98
8) 2-Chlorophenol	6.681	128	89761	47.650	ng	94
9) Benzaldehyde	6.445	77	58491	34.136	ng	98
10) Phenol	6.534	94	111580	47.531	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	84393	48.134	ng	98
12) 1,3-Dichlorobenzene	6.839	146	107084	49.705	ng	98
13) 1,4-Dichlorobenzene	6.916	146	106121	48.802	ng	99
14) 1,2-Dichlorobenzene	7.063	146	100936	49.154	ng	100
15) Benzyl Alcohol	7.034	79	73511	47.586	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	98149	42.789	ng	96
17) 2-Methylphenol	7.139	107	69826	46.079	ng	98
18) Hexachloroethane	7.410	117	33065	47.071	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	59458	45.586	ng	96
20) 3+4-Methylphenols	7.292	107	90979	45.592	ng	92
22) Acetophenone	7.304	105	133310	56.281	ng	98
24) Nitrobenzene	7.475	77	84636	48.410	ng	98
25) Isophorone	7.716	82	156029	48.259	ng	99
26) 2-Nitrophenol	7.792	139	43363	50.446	ng	99
27) 2,4-Dimethylphenol	7.822	122	79147	51.289	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	96829	48.733	ng	99
29) 2,4-Dichlorophenol	8.028	162	70413	45.361	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	80401	49.995	ng	99
31) Naphthalene	8.198	128	248954	47.952	ng	99
32) Benzoic acid	7.928	122	52053	55.289	ng	93
33) 4-Chloroaniline	8.245	127	33105	18.316	ng	97
34) Hexachlorobutadiene	8.316	225	50878	48.504	ng	100
35) Caprolactam	8.604	113	18563	44.930	ng	92
36) 4-Chloro-3-methylphenol	8.722	107	65488	42.786	ng	97
37) 2-Methylnaphthalene	8.892	142	146179	41.131	ng	100
38) 1-Methylnaphthalene	8.986	142	150376	44.090	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	83402	57.426	ng	99
41) Hexachlorocyclopentadiene	9.045	237	72904	97.775	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	47424	48.901	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	48598	49.293	ng	98
46) 1,1'-Biphenyl	9.357	154	215017	58.873	ng	100
47) 2-Chloronaphthalene	9.380	162	145489	50.814	ng	100
48) 2-Nitroaniline	9.469	65	39337	51.916	ng	98
49) Acenaphthylene	9.798	152	238771	58.218	ng	99
50) Dimethylphthalate	9.651	163	170816	51.751	ng	99
51) 2,6-Dinitrotoluene	9.716	165	35569	56.361	ng	92
52) Acenaphthene	9.969	154	138672	49.067	ng	99
53) 3-Nitroaniline	9.880	138	25331	37.298	ng	99
54) 2,4-Dinitrophenol	9.980	184	12128	38.819	ng	# 1
55) Dibenzofuran	10.139	168	199671	49.132	ng	99
56) 4-Nitrophenol	10.033	139	58078	107.489	ng	97
57) 2,4-Dinitrotoluene	10.116	165	45966	53.516	ng	97
58) Fluorene	10.480	166	157449	49.494	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	41032	51.327	ng	97
60) Diethylphthalate	10.351	149	155972	50.333	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	77346	47.941	ng	99
62) 4-Nitroaniline	10.492	138	29903	46.488	ng	99
63) Azobenzene	10.633	77	147306	53.771	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	9433	23.306	ng	97
66) n-Nitrosodiphenylamine	10.592	169	134649	51.703	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	46520	48.527	ng	99
68) Hexachlorobenzene	11.033	284	48080	47.499	ng	98
69) Atrazine	11.116	200	43381	53.127	ng	99
70) Pentachlorophenol	11.221	266	68852	112.521	ng	97
71) Phenanthrene	11.445	178	289080	65.999	ng	100
72) Anthracene	11.498	178	240397	54.583	ng	99
73) Carbazole	11.651	167	200333	55.541	ng	99
74) Di-n-butylphthalate	11.980	149	242324	55.803	ng	100
75) Fluoranthene	12.639	202	339928	84.538	ng	99
77) Benzidine	12.757	184	85451	32.364	ng	100
78) Pyrene	12.868	202	346357	53.503	ng	99
80) Butylbenzylphthalate	13.480	149	105327	51.929	ng	98
81) Benzo(a)anthracene	14.057	228	328266	63.021	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	66996	41.808	ng	99
83) Chrysene	14.092	228	283018	59.325	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	156671	54.137	ng	99
85) Di-n-octyl phthalate	14.657	149	279866	53.965	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.051	276	225632	39.440	ng	97
88) Benzo(b)fluoranthene	15.115	252	313989	62.925	ng	98
89) Benzo(k)fluoranthene	15.145	252	283177m	62.881	ng	
90) Benzo(a)pyrene	15.486	252	277581	63.320	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	178998	37.713	ng	98
92) Benzo(g,h,i)perylene	17.503	276	171026	38.523	ng	98

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

