

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144323.D
 Acq On : 24 Nov 2025 14:40
 Operator : RC/JU
 Sample : PB170706BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB170706BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2025
 Supervised By :mohammad ahmed 11/26/2025

Quant Time: Nov 25 00:22:37 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 05 18:37:33 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	68422	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	275503	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	160278	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	277232	20.000	ng	0.00
76) Chrysene-d12	14.045	240	155486	20.000	ng	0.00
86) Perylene-d12	15.521	264	170453	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	484009	110.697	ng	0.00
7) Phenol-d6	6.499	99	566000	114.246	ng	0.00
23) Nitrobenzene-d5	7.428	82	367215	76.981	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	241615	120.129	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	805014	74.181	ng	0.00
79) Terphenyl-d14	12.980	244	862419	88.103	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	67464	37.321	ng	99
3) Pyridine	3.463	79	173882	34.479	ng	97
4) n-Nitrosodimethylamine	3.405	42	110253	41.853	ng	89
6) Aniline	6.528	93	222291	31.492	ng	# 84
8) 2-Chlorophenol	6.651	128	187275	43.675	ng	98
9) Benzaldehyde	6.416	77	66662	23.829	ng	98
10) Phenol	6.516	94	248839	41.110	ng	85
11) bis(2-Chloroethyl)ether	6.599	93	195982	44.434	ng	99
12) 1,3-Dichlorobenzene	6.804	146	221124	41.791	ng	97
13) 1,4-Dichlorobenzene	6.881	146	221346	41.756	ng	98
14) 1,2-Dichlorobenzene	7.034	146	210964	41.521	ng	99
15) Benzyl Alcohol	7.010	79	176359	44.956	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	363852	44.797	ng	89
17) 2-Methylphenol	7.122	107	152473	44.698	ng	98
18) Hexachloroethane	7.375	117	71014	40.323	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	138601	42.497	ng	95
20) 3+4-Methylphenols	7.275	107	172357	42.862	ng	94
22) Acetophenone	7.275	105	261028	44.166	ng	98
24) Nitrobenzene	7.446	77	211013	40.741	ng	97
25) Isophorone	7.687	82	395797	43.866	ng	99
26) 2-Nitrophenol	7.763	139	112753	43.978	ng	97
27) 2,4-Dimethylphenol	7.798	122	180457	46.960	ng	99
28) bis(2-Chloroethoxy)met...	7.893	93	248793	44.156	ng	99
29) 2,4-Dichlorophenol	8.010	162	183730	41.483	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	187151	41.150	ng	98
31) Naphthalene	8.169	128	536506	40.938	ng	99
32) Benzoic acid	7.945	122	157812	56.025	ng	96
33) 4-Chloroaniline	8.216	127	131654	27.544	ng	99
34) Hexachlorobutadiene	8.281	225	130874	38.182	ng	100
35) Caprolactam	8.592	113	61001m	50.271	ng	
36) 4-Chloro-3-methylphenol	8.704	107	177585	44.739	ng	99
37) 2-Methylnaphthalene	8.857	142	337166	38.480	ng	100
38) 1-Methylnaphthalene	8.957	142	337219	39.886	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	222108	42.284	ng	99
41) Hexachlorocyclopentadiene	9.010	237	147276	74.014	ng	98
43) 2,4,6-Trichlorophenol	9.140	196	147151	41.159	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	160642	41.690	ng	99
46) 1,1'-Biphenyl	9.328	154	497132	44.435	ng	99
47) 2-Chloronaphthalene	9.351	162	387771	40.632	ng	98
48) 2-Nitroaniline	9.451	65	123229	44.752	ng	95
49) Acenaphthylene	9.769	152	601260	46.233	ng	100
50) Dimethylphthalate	9.628	163	481064	45.306	ng	99
51) 2,6-Dinitrotoluene	9.692	165	100840	46.914	ng	98
52) Acenaphthene	9.939	154	330809	38.039	ng	99
53) 3-Nitroaniline	9.863	138	85391	36.342	ng	96
54) 2,4-Dinitrophenol	9.975	184	129343	99.652	ng	97
55) Dibenzofuran	10.110	168	488688	40.122	ng	99
56) 4-Nitrophenol	10.034	139	141979	83.533	ng	99
57) 2,4-Dinitrotoluene	10.098	165	132970	46.211	ng	94
58) Fluorene	10.457	166	394214	42.569	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	126365	46.352	ng	# 98
60) Diethylphthalate	10.328	149	444471	45.409	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	219278	41.569	ng	99
62) 4-Nitroaniline	10.481	138	99448	44.443	ng	93
63) Azobenzene	10.604	77	424276	46.574	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	86942	46.164	ng	99
66) n-Nitrosodiphenylamine	10.569	169	398321	44.672	ng	100
67) 4-Bromophenyl-phenylether	10.934	248	146997	41.541	ng	96
68) Hexachlorobenzene	11.004	284	180248	43.246	ng	96
69) Atrazine	11.092	200	133379	47.036	ng	98
70) Pentachlorophenol	11.204	266	190028	91.557	ng	100
71) Phenanthrene	11.422	178	586979	42.526	ng	100
72) Anthracene	11.475	178	596334	42.488	ng	99
73) Carbazole	11.628	167	510489	42.774	ng	99
74) Di-n-butylphthalate	11.951	149	688000	47.686	ng	99
75) Fluoranthene	12.610	202	589480	41.342	ng	99
77) Benzidine	12.733	184	71483	15.543	ng	98
78) Pyrene	12.845	202	579970	46.262	ng	99
80) Butylbenzylphthalate	13.457	149	217666	50.095	ng	98
81) Benzo(a)anthracene	14.033	228	474957	44.074	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	131409	35.575	ng	97
83) Chrysene	14.069	228	439666	44.196	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	290458	48.832	ng	99
85) Di-n-octyl phthalate	14.627	149	491700	47.912	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	506751	41.415	ng	97
88) Benzo(b)fluoranthene	15.092	252	490130	50.578	ng	100
89) Benzo(k)fluoranthene	15.121	252	468920	51.698	ng	99
90) Benzo(a)pyrene	15.463	252	455062	50.902	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	429048	43.662	ng	99
92) Benzo(g,h,i)perylene	17.480	276	402757	41.504	ng	98

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

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