

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
 Data File : BF143052.D
 Acq On : 09 Jul 2025 12:54
 Operator : RC/JU
 Sample : PB168750BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168750BS

Quant Time: Jul 09 13:29:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	56794	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	214539	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	112458	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	186535	20.000	ng	0.00
76) Chrysene-d12	14.057	240	95347	20.000	ng	0.00
86) Perylene-d12	15.551	264	120157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	426340	124.982	ng	0.01
7) Phenol-d6	6.510	99	505681	125.649	ng	0.00
23) Nitrobenzene-d5	7.440	82	308602	78.900	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	155731	134.568	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	690721	80.686	ng	-0.01
79) Terphenyl-d14	12.992	244	595381	86.278	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	48675	35.675	ng	99
3) Pyridine	3.475	79	131179	38.351	ng	97
4) n-Nitrosodimethylamine	3.434	42	72068	40.744	ng	96
6) Aniline	6.534	93	194415	36.305	ng	# 69
8) 2-Chlorophenol	6.657	128	165209	44.897	ng	99
9) Benzaldehyde	6.422	77	102046	42.739	ng	99
10) Phenol	6.522	94	192952	43.131	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	140095	43.816	ng	98
12) 1,3-Dichlorobenzene	6.810	146	177878	43.223	ng	99
13) 1,4-Dichlorobenzene	6.893	146	181148	43.629	ng	98
14) 1,2-Dichlorobenzene	7.040	146	170255	43.232	ng	98
15) Benzyl Alcohol	7.016	79	130183	44.744	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	203469	39.609	ng	81
17) 2-Methylphenol	7.134	107	125670	45.066	ng	95
18) Hexachloroethane	7.381	117	62809	43.249	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	104292	44.556	ng	97
20) 3+4-Methylphenols	7.287	107	159830	45.970	ng	96
22) Acetophenone	7.281	105	214673	45.376	ng	99
24) Nitrobenzene	7.457	77	153515	43.364	ng	98
25) Isophorone	7.698	82	279937	44.616	ng	100
26) 2-Nitrophenol	7.775	139	90174	46.760	ng	99
27) 2,4-Dimethylphenol	7.810	122	149929m	44.884	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	176073	44.140	ng	100
29) 2,4-Dichlorophenol	8.022	162	138790	45.823	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	145173	43.589	ng	99
31) Naphthalene	8.181	128	467109	44.481	ng	100
32) Benzoic acid	7.940	122	69596	40.877	ng	99
33) 4-Chloroaniline	8.228	127	109926	25.744	ng	99
34) Hexachlorobutadiene	8.292	225	90524	44.435	ng	98
35) Caprolactam	8.604	113	39019m	48.820	ng	
36) 4-Chloro-3-methylphenol	8.716	107	139043	46.191	ng	98
37) 2-Methylnaphthalene	8.869	142	293943	45.149	ng	100
38) 1-Methylnaphthalene	8.969	142	301516	44.739	ng	98
40) 1,2,4,5-Tetrachloroben...	9.040	216	149486	45.049	ng	99
41) Hexachlorocyclopentadiene	9.022	237	142408	75.626	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	91324	42.235	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	100167	44.007	ng	100
46) 1,1'-Biphenyl	9.334	154	406969	45.811	ng	99
47) 2-Chloronaphthalene	9.363	162	298312	44.748	ng	99
48) 2-Nitroaniline	9.463	65	84665	45.300	ng	94
49) Acenaphthylene	9.781	152	496079	45.203	ng	100
50) Dimethylphthalate	9.639	163	346580	47.611	ng	99
51) 2,6-Dinitrotoluene	9.704	165	75902	47.479	ng	97
52) Acenaphthene	9.951	154	331552m	49.517	ng	
53) 3-Nitroaniline	9.875	138	57210	32.504	ng	98
54) 2,4-Dinitrophenol	9.992	184	72852	91.012	ng	94
55) Dibenzofuran	10.122	168	433030	45.100	ng	100
56) 4-Nitrophenol	10.045	139	89195	74.022	ng	99
57) 2,4-Dinitrotoluene	10.110	165	100952	47.541	ng	93
58) Fluorene	10.469	166	347381	46.326	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	84193	45.889	ng	95
60) Diethylphthalate	10.339	149	339999	47.636	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	165430	46.232	ng	99
62) 4-Nitroaniline	10.492	138	73644	45.749	ng	97
63) Azobenzene	10.616	77	292044	45.781	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	52422	46.462	ng	97
66) n-Nitrosodiphenylamine	10.575	169	300094	46.419	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	99688	46.957	ng	95
68) Hexachlorobenzene	11.016	284	111735	47.367	ng	99
69) Atrazine	11.104	200	84787	50.788	ng	100
70) Pentachlorophenol	11.216	266	90462	76.959	ng	99
71) Phenanthrene	11.433	178	467137	46.230	ng	100
72) Anthracene	11.486	178	478957	46.217	ng	100
73) Carbazole	11.639	167	409036	45.738	ng	100
74) Di-n-butylphthalate	11.963	149	461555	49.542	ng	99
75) Fluoranthene	12.622	202	430822	44.925	ng	100
77) Benzidine	12.745	184	167006	46.620	ng	99
78) Pyrene	12.851	202	425324	47.590	ng	99
80) Butylbenzylphthalate	13.463	149	129463	49.938	ng	97
81) Benzo(a)anthracene	14.045	228	303507	47.186	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	62521	29.967	ng	98
83) Chrysene	14.080	228	269701	46.990	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	188801	50.617	ng	99
85) Di-n-octyl phthalate	14.633	149	361435	51.389	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	410655	44.869	ng	98
88) Benzo(b)fluoranthene	15.110	252	308004	44.299	ng	99
89) Benzo(k)fluoranthene	15.139	252	310901	47.795	ng	99
90) Benzo(a)pyrene	15.486	252	314463	46.817	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	332919	44.769	ng	98
92) Benzo(g,h,i)perylene	17.533	276	324667	43.784	ng	98

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

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