

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144327.D
 Acq On : 24 Nov 2025 16:49
 Operator : RC/JU
 Sample : PB170715BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170715BS

Quant Time: Nov 25 00:25:23 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	55060	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	205922	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	113050	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	179485	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	111902	20.000	ng	0.00
86) Perylene-d12	15.521	264	158911	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	418957	119.073	ng	0.00
7) Phenol-d6	6.498	99	471333	118.225	ng	0.00
23) Nitrobenzene-d5	7.428	82	301584	84.585	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	158400	111.656	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	640453	83.672	ng	0.00
79) Terphenyl-d14	12.980	244	593076	84.185	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	60107	41.321	ng	98
3) Pyridine	3.446	79	170473	42.006	ng	98
4) n-Nitrosodimethylamine	3.393	42	92420	43.598	ng	88
6) Aniline	6.528	93	144071	25.364	ng	# 91
8) 2-Chlorophenol	6.651	128	151982	44.046	ng	98
9) Benzaldehyde	6.416	77	80565	35.787	ng	99
10) Phenol	6.516	94	203399	41.758	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	161089	45.386	ng	99
12) 1,3-Dichlorobenzene	6.804	146	185641	43.600	ng	98
13) 1,4-Dichlorobenzene	6.881	146	189586	44.444	ng	99
14) 1,2-Dichlorobenzene	7.034	146	182573	44.654	ng	98
15) Benzyl Alcohol	7.004	79	138906	44.002	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	296123	45.306	ng	92
17) 2-Methylphenol	7.116	107	118746	43.258	ng	97
18) Hexachloroethane	7.375	117	60482	42.677	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	111195	42.368	ng	99
20) 3+4-Methylphenols	7.269	107	138598	42.831	ng	91
22) Acetophenone	7.269	105	195477	44.251	ng	97
24) Nitrobenzene	7.445	77	171829	44.386	ng	98
25) Isophorone	7.687	82	298931	44.325	ng	98
26) 2-Nitrophenol	7.763	139	90271	47.106	ng	94
27) 2,4-Dimethylphenol	7.798	122	143197	49.855	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	191309	45.426	ng	98
29) 2,4-Dichlorophenol	8.004	162	143091	43.224	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	154749	45.523	ng	97
31) Naphthalene	8.169	128	431523	44.053	ng	99
32) Benzoic acid	7.916	122	81084	38.512	ng	92
33) 4-Chloroaniline	8.216	127	38334	10.730	ng	97
34) Hexachlorobutadiene	8.281	225	105572	41.208	ng	97
35) Caprolactam	8.587	113	41221	45.449	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	126226	42.545	ng	98
37) 2-Methylnaphthalene	8.857	142	267744	40.882	ng	99
38) 1-Methylnaphthalene	8.957	142	265328	41.987	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	158274	42.719	ng	97
41) Hexachlorocyclopentadiene	9.010	237	145872	94.190	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	104701	41.520	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	107322	39.488	ng	97
46) 1,1'-Biphenyl	9.322	154	350228	44.382	ng	99
47) 2-Chloronaphthalene	9.351	162	289161	42.958	ng	99
48) 2-Nitroaniline	9.445	65	84276	43.392	ng	96
49) Acenaphthylene	9.763	152	440609	48.033	ng	100
50) Dimethylphthalate	9.622	163	328163	43.817	ng	100
51) 2,6-Dinitrotoluene	9.686	165	69353	45.745	ng	98
52) Acenaphthene	9.939	154	244616	39.878	ng	99
53) 3-Nitroaniline	9.857	138	31172	18.809	ng	97
54) 2,4-Dinitrophenol	9.975	184	63237	69.074	ng	91
55) Dibenzofuran	10.110	168	369260	42.982	ng	97
56) 4-Nitrophenol	10.028	139	85986	71.724	ng	96
57) 2,4-Dinitrotoluene	10.098	165	90642	44.660	ng	98
58) Fluorene	10.451	166	280990	43.019	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	82626	42.970	ng	99
60) Diethylphthalate	10.322	149	291243	42.185	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	151084	40.606	ng	99
62) 4-Nitroaniline	10.475	138	62451	39.569	ng	93
63) Azobenzene	10.604	77	282923	44.032	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	50265	41.224	ng	97
66) n-Nitrosodiphenylamine	10.563	169	271758	47.076	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	98578	43.029	ng	97
68) Hexachlorobenzene	11.004	284	122809	45.511	ng	95
69) Atrazine	11.092	200	85924	46.803	ng	98
70) Pentachlorophenol	11.204	266	104876	78.049	ng	99
71) Phenanthrene	11.422	178	400842	44.855	ng	100
72) Anthracene	11.469	178	413573	45.514	ng	99
73) Carbazole	11.628	167	343008	44.392	ng	99
74) Di-n-butylphthalate	11.951	149	416388	44.578	ng	99
75) Fluoranthene	12.610	202	396105	42.909	ng	99
77) Benzidine	12.733	184	117619	35.535	ng	99
78) Pyrene	12.839	202	394075	43.677	ng	100
80) Butylbenzylphthalate	13.457	149	142514	45.574	ng	96
81) Benzo(a)anthracene	14.033	228	358682	46.248	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	47444	17.847	ng	94
83) Chrysene	14.069	228	329620	46.040	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	195299	45.622	ng	99
85) Di-n-octyl phthalate	14.627	149	357085	48.347	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	500271	43.855	ng	97
88) Benzo(b)fluoranthene	15.092	252	396418	43.879	ng	98
89) Benzo(k)fluoranthene	15.121	252	376854	44.566	ng	99
90) Benzo(a)pyrene	15.463	252	387610	46.506	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	410165	44.772	ng	98
92) Benzo(g,h,i)perylene	17.480	276	414996	45.872	ng	97

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

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