

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143865.D
 Acq On : 02 Oct 2025 20:07
 Operator : RC/JU
 Sample : Q3266-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-3-6FTMSD

Quant Time: Oct 03 01:28:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	132113	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	498372	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	264381	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	436632	20.000	ng	0.00
76) Chrysene-d12	14.057	240	345011	20.000	ng	0.00
86) Perylene-d12	15.533	264	467433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	620126	76.262	ng	0.00
7) Phenol-d6	6.504	99	747806	79.592	ng	0.00
23) Nitrobenzene-d5	7.445	82	455997	56.007	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	193892	49.531	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	805920	47.569	ng	0.00
79) Terphenyl-d14	12.998	244	1076320	63.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	147267	37.838	ng	90
3) Pyridine	3.475	79	396343	37.725	ng	85
4) n-Nitrosodimethylamine	3.422	42	207038	39.302	ng	86
6) Aniline	6.545	93	393915	28.887	ng	100
8) 2-Chlorophenol	6.669	128	363514	43.668	ng	97
9) Benzaldehyde	6.434	77	216417	26.303	ng	98
10) Phenol	6.522	94	483331	44.258	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	360011	42.054	ng	97
12) 1,3-Dichlorobenzene	6.828	146	412600	42.689	ng	98
13) 1,4-Dichlorobenzene	6.904	146	417520	43.286	ng	99
14) 1,2-Dichlorobenzene	7.057	146	402266	44.033	ng	99
15) Benzyl Alcohol	7.022	79	327998	48.314	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	734032	36.161	ng	95
17) 2-Methylphenol	7.134	107	289359	44.898	ng	100
18) Hexachloroethane	7.398	117	145445	42.877	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	262459	43.441	ng	89
20) 3+4-Methylphenols	7.286	107	341307	43.487	ng	# 77
22) Acetophenone	7.292	105	511367	46.717	ng	94
24) Nitrobenzene	7.463	77	403311	44.690	ng	98
25) Isophorone	7.704	82	726249	45.775	ng	99
26) 2-Nitrophenol	7.781	139	192067	51.623	ng	95
27) 2,4-Dimethylphenol	7.816	122	342762	48.335	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	440881	42.771	ng	98
29) 2,4-Dichlorophenol	8.022	162	318390	45.630	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	329632	45.521	ng	98
31) Naphthalene	8.192	128	1014845	42.537	ng	100
32) Benzoic acid	7.928	122	241347	70.540	ng	96
33) 4-Chloroaniline	8.233	127	127248	15.177	ng	97
34) Hexachlorobutadiene	8.304	225	239462	44.360	ng	99
35) Caprolactam	8.604	113	98305	55.119	ng	# 79
36) 4-Chloro-3-methylphenol	8.716	107	314805	48.105	ng	100
37) 2-Methylnaphthalene	8.880	142	624027	41.020	ng	99
38) 1-Methylnaphthalene	8.980	142	623542	42.822	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	365001	45.748	ng	99
41) Hexachlorocyclopentadiene	9.033	237	506103	100.088	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	234428	46.924	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	241280	46.173	ng	100
46) 1,1'-Biphenyl	9.345	154	877857	45.870	ng	100
47) 2-Chloronaphthalene	9.369	162	640207	41.558	ng	100
48) 2-Nitroaniline	9.463	65	244664	52.549	ng	98
49) Acenaphthylene	9.786	152	1038980	48.992	ng	100
50) Dimethylphthalate	9.645	163	757119	46.985	ng	100
51) 2,6-Dinitrotoluene	9.704	165	159530	60.256	ng	96
52) Acenaphthene	9.957	154	642646	46.049	ng	99
53) 3-Nitroaniline	9.875	138	94917	29.577	ng	96
54) 2,4-Dinitrophenol	9.980	184	130560	99.763	ng	# 18
55) Dibenzofuran	10.133	168	858670	43.511	ng	100
56) 4-Nitrophenol	10.027	139	242587	93.807	ng	95
57) 2,4-Dinitrotoluene	10.110	165	213806	54.018	ng	95
58) Fluorene	10.475	166	653647	44.553	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	233271	52.109	ng	100
60) Diethylphthalate	10.345	149	713871	47.326	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	330901	44.265	ng	99
62) 4-Nitroaniline	10.486	138	161005	53.358	ng	98
63) Azobenzene	10.627	77	755872	47.547	ng	93
65) 4,6-Dinitro-2-methylph...	10.516	198	98642	58.139	ng	82
66) n-Nitrosodiphenylamine	10.580	169	630722	43.924	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	316391	42.520	ng	99
68) Hexachlorobenzene	11.022	284	377883	36.851	ng	93
69) Atrazine	11.110	200	204168	49.100	ng	98
70) Pentachlorophenol	11.216	266	425268	83.314	ng	99
71) Phenanthrene	11.439	178	963551	42.984	ng	100
72) Anthracene	11.486	178	987531	43.918	ng	99
73) Carbazole	11.645	167	856354	43.559	ng	100
74) Di-n-butylphthalate	11.974	149	1044247	46.185	ng	100
75) Fluoranthene	12.627	202	958716	42.523	ng	99
77) Benzidine	12.745	184	258779	30.781	ng	99
78) Pyrene	12.857	202	966574	56.984	ng	99
80) Butylbenzylphthalate	13.474	149	352636	60.090	ng	96
81) Benzo(a)anthracene	14.045	228	845318	45.607	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	164787	20.522	ng	99
83) Chrysene	14.080	228	809937	48.293	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	414506	48.188	ng	98
85) Di-n-octyl phthalate	14.645	149	695292	44.561	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.033	276	1591120	44.863	ng	98
88) Benzo(b)fluoranthene	15.098	252	1157629	48.632	ng	99
89) Benzo(k)fluoranthene	15.127	252	1009802	42.225	ng	99
90) Benzo(a)pyrene	15.474	252	1087757	48.614	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	1272126	43.854	ng	99
92) Benzo(g,h,i)perylene	17.486	276	1301075	46.529	ng	99

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

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