

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143848.D
 Acq On : 30 Sep 2025 22:31
 Operator : RC/JU
 Sample : Q3245-09MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-8MS

Quant Time: Oct 01 02:38:40 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	6.887	152	127168	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	463068	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	231503	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	343457	20.000	ng	0.00
76) Chrysene-d12	14.057	240	415302	20.000	ng	0.00
86) Perylene-d12	15.533	264	686765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	840486	107.381	ng	0.00
7) Phenol-d6	6.504	99	1007957	111.453	ng	0.00
23) Nitrobenzene-d5	7.445	82	591731	78.219	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	435273	126.984	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1097562	73.984	ng	0.00
79) Terphenyl-d14	12.998	244	1410583	69.077	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	159934	42.690	ng	95
3) Pyridine	3.463	79	442148	43.722	ng	90
4) n-Nitrosodimethylamine	3.410	42	218932	43.175	ng	81
6) Aniline	6.546	93	502653	38.294	ng	99
8) 2-Chlorophenol	6.669	128	383378	47.845	ng	98
9) Benzaldehyde	6.434	77	228403	28.840	ng	97
10) Phenol	6.522	94	506649	48.197	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	377005	45.752	ng	99
12) 1,3-Dichlorobenzene	6.828	146	440629	47.361	ng	98
13) 1,4-Dichlorobenzene	6.904	146	441518	47.554	ng	98
14) 1,2-Dichlorobenzene	7.057	146	426713	48.526	ng	99
15) Benzyl Alcohol	7.022	79	336834	51.545	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	750652	38.417	ng	95
17) 2-Methylphenol	7.134	107	297473	47.952	ng	99
18) Hexachloroethane	7.398	117	151727	46.468	ng	95
19) n-Nitroso-di-n-propyla...	7.293	70	262796	45.188	ng	90
20) 3+4-Methylphenols	7.281	107	357508	47.322	ng	95
22) Acetophenone	7.293	105	533826	52.487	ng	96
24) Nitrobenzene	7.463	77	409127	48.791	ng	97
25) Isophorone	7.704	82	711234	48.246	ng	98
26) 2-Nitrophenol	7.781	139	189160	54.555	ng	94
27) 2,4-Dimethylphenol	7.816	122	342714	52.013	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	437771	45.707	ng	98
29) 2,4-Dichlorophenol	8.022	162	316980	48.891	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	348268	51.761	ng	98
31) Naphthalene	8.192	128	1038884	46.865	ng	99
32) Benzoic acid	7.916	122	196156	61.702	ng	96
33) 4-Chloroaniline	8.234	127	232900	29.897	ng	98
34) Hexachlorobutadiene	8.304	225	249915	49.826	ng	99
35) Caprolactam	8.598	113	92616	55.889	ng	# 81
36) 4-Chloro-3-methylphenol	8.710	107	299653	49.280	ng	99
37) 2-Methylnaphthalene	8.881	142	612095	43.303	ng	99
38) 1-Methylnaphthalene	8.981	142	623326	46.071	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	373511	53.463	ng	99
41) Hexachlorocyclopentadiene	9.034	237	538244	121.562	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	230368	52.660	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	225366	49.252	ng	99
46) 1,1'-Biphenyl	9.345	154	867970	51.795	ng	99
47) 2-Chloronaphthalene	9.369	162	633607	46.971	ng	99
48) 2-Nitroaniline	9.463	65	232465	57.019	ng	98
49) Acenaphthylene	9.787	152	1005200	54.131	ng	100
50) Dimethylphthalate	9.645	163	690622	48.945	ng	99
51) 2,6-Dinitrotoluene	9.704	165	149695	64.571	ng	92
52) Acenaphthene	9.957	154	595026	48.692	ng	99
53) 3-Nitroaniline	9.869	138	113843	40.513	ng	99
54) 2,4-Dinitrophenol	9.975	184	83668	82.477	ng	# 52
55) Dibenzofuran	10.128	168	834120	48.270	ng	99
56) 4-Nitrophenol	10.028	139	219714	97.028	ng	90
57) 2,4-Dinitrotoluene	10.104	165	191840	55.279	ng	96
58) Fluorene	10.475	166	618398	48.137	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	225687	57.574	ng	94
60) Diethylphthalate	10.345	149	628370	47.574	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	319101	48.749	ng	96
62) 4-Nitroaniline	10.486	138	143053	54.142	ng	95
63) Azobenzene	10.628	77	702513	50.467	ng	92
65) 4,6-Dinitro-2-methylph...	10.516	198	71432	54.609	ng	# 80
66) n-Nitrosodiphenylamine	10.581	169	582529	51.573	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	325692	55.644	ng	95
68) Hexachlorobenzene	11.022	284	466090	57.784	ng	# 95
69) Atrazine	11.110	200	171810	52.527	ng	97
70) Pentachlorophenol	11.216	266	460368	114.658	ng	99
71) Phenanthrene	11.439	178	848895	48.142	ng	100
72) Anthracene	11.486	178	860924	48.675	ng	99
73) Carbazole	11.639	167	753246	48.708	ng	99
74) Di-n-butylphthalate	11.975	149	829096	46.617	ng	100
75) Fluoranthene	12.627	202	859096	48.441	ng	99
77) Benzidine	12.751	184	419134	41.416	ng	100
78) Pyrene	12.857	202	882316	43.213	ng	100
80) Butylbenzylphthalate	13.475	149	322051	45.590	ng	97
81) Benzo(a)anthracene	14.045	228	1082526	48.520	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	369535	38.232	ng	99
83) Chrysene	14.086	228	1034544	51.245	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	431215	41.646	ng	99
85) Di-n-octyl phthalate	14.651	149	858998	45.735	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.033	276	2524130	48.441	ng	98
88) Benzo(b)fluoranthene	15.104	252	1703090	48.697	ng	100
89) Benzo(k)fluoranthene	15.133	252	1756538	49.992	ng	99
90) Benzo(a)pyrene	15.474	252	1702092	51.776	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	2073589	48.654	ng	# 99
92) Benzo(g,h,i)perylene	17.492	276	1971788	47.994	ng	98

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

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