

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
 Data File : BF143824.D
 Acq On : 29 Sep 2025 16:14
 Operator : RC/JU
 Sample : Q3230-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-PROBE-BRICK-1MS

Quant Time: Sep 29 16:37:11 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	137049	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	530817	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	285401	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	471804	20.000	ng	0.00
76) Chrysene-d12	14.057	240	415535	20.000	ng	0.00
86) Perylene-d12	15.533	264	597788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	152675	18.099	ng	0.00
7) Phenol-d6	6.504	99	714897	73.349	ng	0.00
23) Nitrobenzene-d5	7.445	82	490981	56.618	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	45762	10.829	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	930293	50.866	ng	0.00
79) Terphenyl-d14	12.998	244	1184986	57.997	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	156938	38.870	ng	97
3) Pyridine	3.434	79	445445	40.872	ng	92
4) n-Nitrosodimethylamine	3.381	42	243934	44.638	ng	85
6) Aniline	6.545	93	598405	42.302	ng	99
8) 2-Chlorophenol	6.669	128	421354	48.793	ng	98
9) Benzaldehyde	6.434	77	253333	29.681	ng	99
10) Phenol	6.522	94	578578	51.071	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	417054	46.963	ng	100
12) 1,3-Dichlorobenzene	6.828	146	467543	46.631	ng	99
13) 1,4-Dichlorobenzene	6.904	146	470629	47.035	ng	99
14) 1,2-Dichlorobenzene	7.057	146	447287	47.198	ng	99
15) Benzyl Alcohol	7.022	79	384438	54.589	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	886792	42.113	ng	97
17) 2-Methylphenol	7.134	107	337622	50.500	ng	99
18) Hexachloroethane	7.398	117	162744	46.249	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	298907	47.691	ng	93
20) 3+4-Methylphenols	7.281	107	402656	49.456	ng	96
22) Acetophenone	7.292	105	589782	50.587	ng	97
24) Nitrobenzene	7.463	77	452938	47.122	ng	98
25) Isophorone	7.704	82	834201	49.365	ng	99
26) 2-Nitrophenol	7.781	139	205566	51.860	ng	97
27) 2,4-Dimethylphenol	7.816	122	397758	52.662	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	507531	46.228	ng	99
29) 2,4-Dichlorophenol	8.022	162	359712	48.401	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	373574	48.436	ng	100
31) Naphthalene	8.192	128	1154341	45.427	ng	100
32) Benzoic acid	7.922	122	267335	73.359	ng	96
33) 4-Chloroaniline	8.234	127	335862	37.611	ng	99
34) Hexachlorobutadiene	8.310	225	267229	46.478	ng	99
35) Caprolactam	8.604	113	119213	62.757	ng	# 85
36) 4-Chloro-3-methylphenol	8.710	107	362563	52.016	ng	98
37) 2-Methylnaphthalene	8.881	142	707157	43.643	ng	99
38) 1-Methylnaphthalene	8.981	142	721917	46.548	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	414637	48.141	ng	99
41) Hexachlorocyclopentadiene	9.034	237	627578	114.971	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	272210	50.474	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	283788	50.307	ng	100
46) 1,1'-Biphenyl	9.345	154	1010630	48.919	ng	100
47) 2-Chloronaphthalene	9.369	162	737793	44.366	ng	99
48) 2-Nitroaniline	9.463	65	291871	58.071	ng	98
49) Acenaphthylene	9.786	152	1200008	52.417	ng	99
50) Dimethylphthalate	9.645	163	860358	49.460	ng	100
51) 2,6-Dinitrotoluene	9.704	165	178710	62.529	ng	99
52) Acenaphthene	9.957	154	734822	48.776	ng	100
53) 3-Nitroaniline	9.875	138	151414	43.707	ng	98
54) 2,4-Dinitrophenol	9.980	184	135484	97.420	ng	# 21
55) Dibenzofuran	10.133	168	1011654	47.487	ng	99
56) 4-Nitrophenol	10.028	139	291849	104.544	ng	95
57) 2,4-Dinitrotoluene	10.110	165	238785	55.784	ng	96
58) Fluorene	10.475	166	765753	48.351	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	280608	58.066	ng	98
60) Diethylphthalate	10.345	149	826077	50.731	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	391430	48.506	ng	96
62) 4-Nitroaniline	10.486	138	185809	57.043	ng	100
63) Azobenzene	10.628	77	909508	52.998	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	101314	55.949	ng	87
66) n-Nitrosodiphenylamine	10.580	169	748725	48.255	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	401792	49.972	ng	97
68) Hexachlorobenzene	11.022	284	538466	48.596	ng	98
69) Atrazine	11.110	200	229865	51.159	ng	97
70) Pentachlorophenol	11.216	266	562628	102.008	ng	100
71) Phenanthrene	11.439	178	1168717	48.250	ng	100
72) Anthracene	11.492	178	1162293	47.837	ng	100
73) Carbazole	11.645	167	1000599	47.102	ng	99
74) Di-n-butylphthalate	11.974	149	1175336	48.107	ng	100
75) Fluoranthene	12.627	202	1185341	48.655	ng	99
77) Benzidine	12.751	184	500065	49.386	ng	99
78) Pyrene	12.857	202	1160268	56.794	ng	99
80) Butylbenzylphthalate	13.474	149	389829	55.154	ng	98
81) Benzo(a)anthracene	14.045	228	1107485	49.611	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	360182	37.244	ng	100
83) Chrysene	14.080	228	1038108	51.393	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	495231	47.802	ng	99
85) Di-n-octyl phthalate	14.651	149	831268	44.234	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	2192081	48.330	ng	99
88) Benzo(b)fluoranthene	15.104	252	1586935	52.129	ng	99
89) Benzo(k)fluoranthene	15.133	252	1490929	48.748	ng	99
90) Benzo(a)pyrene	15.474	252	1516684	53.003	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	1764140	47.554	ng	100
92) Benzo(g,h,i)perylene	17.486	276	1744527	48.783	ng	100

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

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