

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143006.D
 Acq On : 07 Jul 2025 13:47
 Operator : RC/JU
 Sample : Q2493-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11MS

Quant Time: Jul 07 14:15:18 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	60406	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	223388	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	115795	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	188739	20.000	ng	0.00
76) Chrysene-d12	14.057	240	117040	20.000	ng	0.00
86) Perylene-d12	15.551	264	129347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	354590	97.733	ng	0.01
7) Phenol-d6	6.510	99	428015	99.992	ng	0.00
23) Nitrobenzene-d5	7.439	82	261346	64.171	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	126095	105.819	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	546912	62.046	ng	-0.01
79) Terphenyl-d14	12.992	244	514127	60.695	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	55700	38.383	ng	97
3) Pyridine	3.469	79	146787	40.348	ng	96
4) n-Nitrosodimethylamine	3.422	42	78115	41.522	ng	100
6) Aniline	6.539	93	176756	31.034	ng	# 89
8) 2-Chlorophenol	6.663	128	173301	44.280	ng	97
9) Benzaldehyde	6.428	77	124512	49.029	ng	99
10) Phenol	6.528	94	202435	42.545	ng	82
11) bis(2-Chloroethyl)ether	6.610	93	153225	45.057	ng	97
12) 1,3-Dichlorobenzene	6.816	146	193097	44.116	ng	99
13) 1,4-Dichlorobenzene	6.892	146	194313	44.001	ng	99
14) 1,2-Dichlorobenzene	7.045	146	187479	44.759	ng	100
15) Benzyl Alcohol	7.016	79	141784	45.818	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	227895	41.711	ng	76
17) 2-Methylphenol	7.134	107	132489	44.671	ng	97
18) Hexachloroethane	7.386	117	68505	44.350	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	112029	45.000	ng	97
20) 3+4-Methylphenols	7.287	107	169332	45.791	ng	94
22) Acetophenone	7.287	105	229328	46.554	ng	100
24) Nitrobenzene	7.457	77	167930	45.557	ng	99
25) Isophorone	7.698	82	300741	46.033	ng	100
26) 2-Nitrophenol	7.775	139	97790	48.701	ng	99
27) 2,4-Dimethylphenol	7.816	122	158083m	45.450	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	190945	45.972	ng	100
29) 2,4-Dichlorophenol	8.022	162	145103	46.010	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	157786	45.499	ng	99
31) Naphthalene	8.181	128	497351	45.485	ng	99
32) Benzoic acid	7.939	122	79982	45.117	ng	95
33) 4-Chloroaniline	8.228	127	65589	14.752	ng	99
34) Hexachlorobutadiene	8.292	225	98029	46.213	ng	99
35) Caprolactam	8.604	113	41698	50.106	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	145195	46.324	ng	99
37) 2-Methylnaphthalene	8.875	142	310731	45.837	ng	99
38) 1-Methylnaphthalene	8.975	142	319535	45.534	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	159300	46.624	ng	99
41) Hexachlorocyclopentadiene	9.028	237	137979	71.163	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	102014	45.820	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	103743	44.265	ng	99
46) 1,1'-Biphenyl	9.339	154	429611	46.967	ng	99
47) 2-Chloronaphthalene	9.363	162	313398	45.656	ng	99
48) 2-Nitroaniline	9.463	65	88958	46.225	ng	96
49) Acenaphthylene	9.780	152	522368	46.227	ng	100
50) Dimethylphthalate	9.639	163	362226	48.326	ng	100
51) 2,6-Dinitrotoluene	9.704	165	78631	47.769	ng	99
52) Acenaphthene	9.951	154	350881m	50.893	ng	
53) 3-Nitroaniline	9.875	138	46738	25.789	ng	98
54) 2,4-Dinitrophenol	9.992	184	81383	98.739	ng	94
55) Dibenzofuran	10.127	168	449054	45.421	ng	99
56) 4-Nitrophenol	10.045	139	96130	77.479	ng	97
57) 2,4-Dinitrotoluene	10.110	165	108052	49.418	ng	96
58) Fluorene	10.469	166	362200	46.910	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	82648	43.748	ng	97
60) Diethylphthalate	10.339	149	373769	50.859	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	173102	46.982	ng	99
62) 4-Nitroaniline	10.492	138	79819	48.156	ng	97
63) Azobenzene	10.616	77	335692	51.107	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	56907	49.848	ng	97
66) n-Nitrosodiphenylamine	10.580	169	311972	47.693	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	104395	48.600	ng	95
68) Hexachlorobenzene	11.022	284	113896	47.719	ng	96
69) Atrazine	11.104	200	96299	57.010	ng	99
70) Pentachlorophenol	11.216	266	93172	78.338	ng	98
71) Phenanthrene	11.433	178	482800	47.222	ng	100
72) Anthracene	11.486	178	493573	47.071	ng	100
73) Carbazole	11.639	167	429828	47.502	ng	100
74) Di-n-butylphthalate	11.963	149	554735	58.849	ng	100
75) Fluoranthene	12.621	202	478332	49.297	ng	100
77) Benzidine	12.745	184	194412	44.211	ng	99
78) Pyrene	12.857	202	468237	42.681	ng	99
80) Butylbenzylphthalate	13.463	149	186821	58.707	ng	98
81) Benzo(a)anthracene	14.045	228	375113	47.509	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	67854	26.495	ng	99
83) Chrysene	14.080	228	339838	48.235	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	249924	54.585	ng	99
85) Di-n-octyl phthalate	14.633	149	407369	47.184	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	412153	41.833	ng	98
88) Benzo(b)fluoranthene	15.110	252	400532	53.514	ng	100
89) Benzo(k)fluoranthene	15.139	252	307386	43.897	ng	99
90) Benzo(a)pyrene	15.486	252	348369	48.180	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	335846	41.954	ng	98
92) Benzo(g,h,i)perylene	17.533	276	328580	41.163	ng	99

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

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