

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144484.D
 Acq On : 15 Dec 2025 20:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Dec 16 00:43:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	182077	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	732481	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	386209	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	659180	20.000	ng	0.00
76) Chrysene-d12	13.945	240	395744	20.000	ng	0.00
86) Perylene-d12	15.374	264	356751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	984840	81.556	ng	0.00
7) Phenol-d6	6.416	99	1207382	80.160	ng	0.00
23) Nitrobenzene-d5	7.357	82	1055356	90.162	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	320162	91.692	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1944845	77.252	ng	0.00
79) Terphenyl-d14	12.892	244	1999216	79.757	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	229251	39.481	ng	99
3) Pyridine	3.216	79	645291	40.414	ng	99
4) n-Nitrosodimethylamine	3.163	42	265780	38.302	ng	98
6) Aniline	6.457	93	820770	39.064	ng	99
8) 2-Chlorophenol	6.575	128	539391	41.663	ng	99
9) Benzaldehyde	6.345	77	474979	40.282	ng	98
10) Phenol	6.428	94	708006	39.828	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	508245	39.115	ng	100
12) 1,3-Dichlorobenzene	6.734	146	551588	39.433	ng	99
13) 1,4-Dichlorobenzene	6.810	146	558759	39.813	ng	99
14) 1,2-Dichlorobenzene	6.963	146	526610	39.511	ng	99
15) Benzyl Alcohol	6.934	79	443108	39.913	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	806124	36.763	ng	100
17) 2-Methylphenol	7.039	107	438793	40.207	ng	99
18) Hexachloroethane	7.310	117	202200	41.464	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	358243	37.653	ng	98
20) 3+4-Methylphenols	7.198	107	541311	40.369	ng	97
22) Acetophenone	7.204	105	683923	37.643	ng	98
24) Nitrobenzene	7.375	77	548314	43.181	ng	97
25) Isophorone	7.616	82	990193	37.484	ng	99
26) 2-Nitrophenol	7.692	139	250420	45.651	ng	97
27) 2,4-Dimethylphenol	7.728	122	498844	39.577	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	607694	37.333	ng	100
29) 2,4-Dichlorophenol	7.928	162	424176	40.501	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	440743	38.800	ng	99
31) Naphthalene	8.098	128	1519807	38.552	ng	100
32) Benzoic acid	7.822	122	322427	43.306	ng	98
33) 4-Chloroaniline	8.145	127	607945	38.366	ng	99
34) Hexachlorobutadiene	8.216	225	270358	38.493	ng	99
35) Caprolactam	8.510	113	142479	41.197	ng	96
36) 4-Chloro-3-methylphenol	8.622	107	461486	40.590	ng	100
37) 2-Methylnaphthalene	8.786	142	988519	38.112	ng	99
38) 1-Methylnaphthalene	8.886	142	960240	38.020	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	431874	39.292	ng	99
41) Hexachlorocyclopentadiene	8.945	237	278068	42.747	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	303301	43.453	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	306377	41.821	ng	97
46) 1,1'-Biphenyl	9.251	154	1183766	39.221	ng	99
47) 2-Chloronaphthalene	9.275	162	904615	39.261	ng	99
48) 2-Nitroaniline	9.369	65	279554	42.732	ng	98
49) Acenaphthylene	9.686	152	1455137	39.861	ng	100
50) Dimethylphthalate	9.551	163	1032848	39.592	ng	100
51) 2,6-Dinitrotoluene	9.610	165	212267	44.694	ng	100
52) Acenaphthene	9.863	154	911222	40.035	ng	100
53) 3-Nitroaniline	9.775	138	250673	43.187	ng	99
54) 2,4-Dinitrophenol	9.880	184	90797	47.612	ng	# 67
55) Dibenzofuran	10.033	168	1267571	39.141	ng	98
56) 4-Nitrophenol	9.922	139	205215	46.193	ng	99
57) 2,4-Dinitrotoluene	10.010	165	290562	44.781	ng	95
58) Fluorene	10.374	166	951042	38.782	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	253959	45.667	ng	99
60) Diethylphthalate	10.251	149	975701	39.463	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	465348	38.676	ng	99
62) 4-Nitroaniline	10.386	138	243898	42.587	ng	99
63) Azobenzene	10.527	77	984119	37.662	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	136316	46.227	ng	98
66) n-Nitrosodiphenylamine	10.486	169	860708	38.102	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	294363	38.252	ng	98
68) Hexachlorobenzene	10.922	284	329757	38.818	ng	97
69) Atrazine	11.016	200	283520	40.069	ng	99
70) Pentachlorophenol	11.110	266	207131	42.748	ng	99
71) Phenanthrene	11.333	178	1464273	38.531	ng	100
72) Anthracene	11.386	178	1480349	38.488	ng	99
73) Carbazole	11.539	167	1298753	38.895	ng	99
74) Di-n-butylphthalate	11.874	149	1423073	39.869	ng	100
75) Fluoranthene	12.521	202	1464627	39.029	ng	99
77) Benzidine	12.639	184	554726	39.367	ng	99
78) Pyrene	12.745	202	1457141	40.189	ng	100
80) Butylbenzylphthalate	13.374	149	474178	40.099	ng	96
81) Benzo(a)anthracene	13.933	228	1086087	38.971	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	312521	39.575	ng	99
83) Chrysene	13.968	228	995118	39.016	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	527867	38.429	ng	99
85) Di-n-octyl phthalate	14.545	149	741431	36.319	ng	98
87) Indeno(1,2,3-cd)pyrene	16.792	276	1174825	45.879	ng	100
88) Benzo(b)fluoranthene	14.962	252	865523	36.956	ng	100
89) Benzo(k)fluoranthene	14.992	252	842277	38.034	ng	99
90) Benzo(a)pyrene	15.315	252	812948	39.711	ng	100
91) Dibenzo(a,h)anthracene	16.809	278	953003	46.083	ng	99
92) Benzo(g,h,i)perylene	17.221	276	986658	46.923	ng	98

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

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