

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
 Data File : BF143920.D
 Acq On : 10 Oct 2025 12:32
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 10 14:51:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114205	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	454258	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	244959	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	425799	20.000	ng	0.00
76) Chrysene-d12	14.063	240	235995	20.000	ng	0.00
86) Perylene-d12	15.539	264	249897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	618308	85.974	ng	0.00
7) Phenol-d6	6.504	99	714662	83.369	ng	-0.01
23) Nitrobenzene-d5	7.445	82	643677	86.089	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	202596	83.037	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1168558	75.694	ng	0.00
79) Terphenyl-d14	13.004	244	1238608	89.700	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	146010	43.873	ng	97
3) Pyridine	3.399	79	425512	43.920	ng	98
4) n-Nitrosodimethylamine	3.340	42	207859	40.784	ng	94
6) Aniline	6.545	93	532743	41.473	ng	99
8) 2-Chlorophenol	6.663	128	298774	42.500	ng	98
9) Benzaldehyde	6.434	77	300513	45.445	ng	99
10) Phenol	6.522	94	455875	44.482	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	333968	42.185	ng	98
12) 1,3-Dichlorobenzene	6.822	146	346389	41.163	ng	98
13) 1,4-Dichlorobenzene	6.898	146	352045	42.411	ng	99
14) 1,2-Dichlorobenzene	7.051	146	333920	41.999	ng	100
15) Benzyl Alcohol	7.022	79	282356	43.961	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	772142	42.849	ng	99
17) 2-Methylphenol	7.128	107	244175	42.028	ng	99
18) Hexachloroethane	7.398	117	115819	41.838	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	240772	41.033	ng	99
20) 3+4-Methylphenols	7.281	107	285999	42.474	ng	97
22) Acetophenone	7.292	105	385221	40.106	ng	98
24) Nitrobenzene	7.463	77	357330	43.035	ng	99
25) Isophorone	7.704	82	625096	39.650	ng	98
26) 2-Nitrophenol	7.781	139	169120	47.508	ng	99
27) 2,4-Dimethylphenol	7.816	122	260198	40.633	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	394819	39.645	ng	99
29) 2,4-Dichlorophenol	8.022	162	271493	40.702	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	263208	40.123	ng	98
31) Naphthalene	8.186	128	826450	39.995	ng	99
32) Benzoic acid	7.916	122	193551	43.673	ng	95
33) 4-Chloroaniline	8.233	127	315022	40.648	ng	99
34) Hexachlorobutadiene	8.304	225	179921	39.469	ng	97
35) Caprolactam	8.604	113	87766	41.382	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	260239	40.616	ng	100
37) 2-Methylnaphthalene	8.881	142	546354	39.693	ng	100
38) 1-Methylnaphthalene	8.980	142	528428	39.579	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	278501	41.135	ng	98
41) Hexachlorocyclopentadiene	9.033	237	109563	39.008	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	205387	41.519	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	219570	42.002	ng	98
46) 1,1'-Biphenyl	9.345	154	649425	40.042	ng	99
47) 2-Chloronaphthalene	9.369	162	548743	40.581	ng	98
48) 2-Nitroaniline	9.463	65	192026	44.917	ng	97
49) Acenaphthylene	9.786	152	770792	40.546	ng	100
50) Dimethylphthalate	9.639	163	637750	40.997	ng	100
51) 2,6-Dinitrotoluene	9.704	165	134048	46.471	ng	98
52) Acenaphthene	9.957	154	508069	40.787	ng	99
53) 3-Nitroaniline	9.875	138	153638	43.499	ng	99
54) 2,4-Dinitrophenol	9.980	184	66354	40.998	ng	98
55) Dibenzofuran	10.127	168	706301	40.167	ng	100
56) 4-Nitrophenol	10.028	139	114093	42.663	ng	96
57) 2,4-Dinitrotoluene	10.110	165	183964	46.872	ng	99
58) Fluorene	10.475	166	527033	39.721	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	154350	41.710	ng	# 99
60) Diethylphthalate	10.345	149	586148	40.559	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	284601	40.571	ng	99
62) 4-Nitroaniline	10.492	138	146806	43.223	ng	94
63) Azobenzene	10.627	77	626735	41.495	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	96448	45.075	ng	94
66) n-Nitrosodiphenylamine	10.586	169	539152	40.326	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	187909	39.932	ng	99
68) Hexachlorobenzene	11.022	284	216003	39.649	ng	100
69) Atrazine	11.110	200	158847	39.200	ng	97
70) Pentachlorophenol	11.216	266	126577	40.455	ng	97
71) Phenanthrene	11.439	178	825590	39.994	ng	99
72) Anthracene	11.492	178	828392	39.723	ng	98
73) Carbazole	11.645	167	733671	39.723	ng	99
74) Di-n-butylphthalate	11.974	149	898491	41.974	ng	99
75) Fluoranthene	12.627	202	834267	39.126	ng	99
77) Benzidine	12.751	184	300900	36.721	ng	98
78) Pyrene	12.863	202	857937	43.606	ng	100
80) Butylbenzylphthalate	13.480	149	297395	46.543	ng	97
81) Benzo(a)anthracene	14.051	228	654087	42.353	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	194778	41.385	ng	100
83) Chrysene	14.086	228	606175	42.409	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	358224	46.508	ng	99
85) Di-n-octyl phthalate	14.651	149	592380	46.826	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	702772	45.896	ng	98
88) Benzo(b)fluoranthene	15.110	252	575910	40.120	ng	99
89) Benzo(k)fluoranthene	15.139	252	529146	39.837	ng	99
90) Benzo(a)pyrene	15.480	252	514292	41.318	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	568953	46.200	ng	100
92) Benzo(g,h,i)perylene	17.498	276	565507	45.920	ng	98

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

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